

Table H. - Engineering Index Properties

Eureka County Area, Nevada

Absence of an entry indicates that the data were not estimated.

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
100: Wholan	In											
	0-3	Silt Loam	ML	A-4	0	0	100	100	95-100	80-90	20-30	NP-5
	3-60	Very Fine Sandy Loam Silt Loam	ML	A-4	0	0	100	100	95-100	75-90	20-30	NP-5
101: Wholan	0-3	Silt Loam	ML	A-4	0	0	100	100	95-100	80-90	20-30	NP-5
	3-60	Silt Loam Very Fine Sandy Loam	ML	A-4	0	0	100	100	95-100	75-90	20-30	NP-5
Clowfin	0-4	Sandy Loam	SM	A-2	0	0-5	80-95	75-90	60-80	25-35	20-30	NP-5
	4-40	Stratified Very Gravelly Sandy Loam To Very Gravelly Loam	GM	A-1 A-2 A-4	0	10-25	50-65	40-60	30-50	20-40	20-30	NP-5
	40-60	Very Gravelly Sandy Loam Extremely Gravelly Sand	GP GP-GM	A-1	0	5-30	25-40	20-35	10-20	0-10	0-14	NP
111: Lien												
	0-4	Very Gravelly Loam	GC-GM GM	A-1 A-2	0	0	40-60	30-50	25-40	20-30	20-30	NP-10
	4-8	Very Gravelly Fine Sandy Loam Extremely Gravelly Loam Very Gravelly Sandy Loam	GC-GM GM GP-GM	A-1 A-2	0	0	20-50	15-40	10-35	5-25	15-30	NP-10
	8-22	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
111: Lien	In											
	0-4	Very Gravelly Loam	GC-GM GM	A-1 A-2	0	0	40-60	30-50	25-40	20-30	20-30	NP-10
	4-12	Very Gravelly Sandy Loam Very Gravelly Fine Sandy Loam	GC-GM GM GP-GM	A-1 A-2	0	0	20-50	15-40	10-35	5-25	15-30	NP-10
	12-22	Extremely Gravelly Loam Indurated	---	---	---	---	---	---	---	---	---	---
Hayeston	0-4	Sandy Loam	SM	A-2 A-4	0	0	85-100	75-100	50-60	30-40	15-25	NP-5
	4-27	Fine Sandy Loam Gravelly Fine Sandy Loam Sandy Loam	GM SM	A-2 A-4	0	0	75-95	70-90	40-60	25-40	15-25	NP-5
	27-60	Stratified Extremely Gravelly Sand To Very Gravelly Loamy Sand	GM GP-GM SM SP-SM	A-1	0	0	35-60	25-50	15-30	5-15	0-14	NP
121: Piltown	0-6	Fine Sandy Loam	SM	A-4	0	0	95-100	95-100	70-80	35-50	20-25	NP-5
	6-60	Sandy Loam Very Fine Sandy Loam Fine Sandy Loam	SM	A-2 A-4	0	0	75-100	75-100	50-90	30-50	20-25	NP-5
131: Pumper	0-13	Sandy Loam	ML SM	A-4	0	0	80-100	75-100	50-75	35-55	20-25	NP-5
	13-60	Stratified Extremely Gravelly Coarse Sand To Very Gravelly Loam	GP GP-GM GW-GM	A-1	0	0-5	20-40	20-35	10-20	0-10	---	NP
141:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
141: Pedoli	In											
	0-4	Loam	CL CL-ML	A-4	0	0	100	90-100	85-95	60-70	25-30	5-10
	4-16	Gravelly Clay Loam Gravelly Loam Clay Loam	CL GC SC	A-6 A-7	0	0	65-90	60-85	55-70	40-55	35-45	15-20
	16-60	Stratified Very Gravelly Loamy Sand To Gravelly Loam	GM SM	A-1	0	0	45-60	35-50	15-25	10-15	0-14	NP
Poorcal	0-5	Loam	CL CL-ML	A-4	0	0	95-100	90-100	85-95	60-70	20-25	5-10
	5-29	Gravelly Sandy Loam Gravelly Loam Loam	SC SC-SM	A-2 A-4	0	0	65-90	55-85	40-60	20-50	15-25	5-10
	29-60	Very Gravelly Loam Very Gravelly Sandy Loam Very Gravelly Loamy Sand	GM	A-1 A-2	0	0	45-60	40-50	15-40	10-35	0-14	NP
142: Pedoli	0-4	Loam	CL CL-ML	A-4	0	0	100	90-100	85-95	60-70	25-30	5-10
	4-16	Clay Loam Gravelly Clay Loam Gravelly Loam	CL GC SC	A-6 A-7	0	0	65-90	60-85	55-70	40-55	35-45	15-20
	16-60	Stratified Very Gravelly Loamy Sand To Gravelly Loam	GM SM	A-1	0	0	45-60	35-50	15-25	10-15	0-14	NP

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
142: Shipley	In											
	0-9	Fine Sandy Loam	ML SM	A-4	0	0	90-100	85-100	75-90	40-55	15-25	NP-5
	9-41	Fine Sandy Loam	SM	A-2	0	0	95-100	90-100	55-65	25-35	15-25	NP-5
	41-60	Sandy Loam Stratified Very Gravelly Sandy Loam To Gravelly Loam	GM SM	A-1 A-2	0	0	45-70	40-65	35-55	20-35	20-30	NP-5
143: Pedoli												
	0-4	Loam	CL CL-ML	A-4	0	0	100	90-100	85-95	60-70	25-30	5-10
	4-16	Clay Loam Gravelly Loam Gravelly Clay Loam	CL GC SC	A-6 A-7	0	0	65-90	60-85	55-70	40-55	35-45	15-20
	16-60	Stratified Very Gravelly Loamy Sand To Gravelly Loam	GM SM	A-1	0	0	45-60	35-50	15-25	10-15	0-14	NP
Silverado												
	0-6	Sandy Loam	SM	A-4	0	0	95-100	90-100	70-80	40-50	20-25	NP-5
	6-14	Sandy Loam	SM	A-4	0	0	95-100	90-100	60-70	35-45	20-25	NP-5
	14-35	Sandy Loam Gravelly Sandy Loam	GM SM	A-1	0	0	60-90	55-85	40-50	15-25	15-25	NP-5
	35-60	Very Gravelly Coarse Sand	GP	A-1	0	0	40-50	35-45	10-20	0-5	0-14	NP
155: Sonoma												
	0-13	Silt Loam	CL	A-6	0	0	100	100	95-100	75-90	30-35	10-15
	13-60	Stratified Silt Loam To Silty Clay Loam	CL ML	A-6 A-7	0	0	100	100	95-100	85-95	35-50	10-25
160:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
160: Ocala	0-14	Silt Loam	CL ML	A-4 A-6	0	0	100	100	90-100	70-80	30-40	5-15
	14-60	Silty Clay Loam Silt Loam	CL ML	A-6 A-7	0	0	100	100	95-100	85-95	30-50	10-20
Ocala	0-3	Silt Loam	CL ML	A-4 A-6	0	0	100	100	95-100	85-95	30-40	5-15
	3-14	Silty Clay Loam Silt Loam	CL ML	A-6 A-7	0	0	100	100	95-100	85-95	30-50	10-20
	14-60	Silty Clay Loam Silt Loam	CL ML	A-6 A-7	0	0	90-100	90-100	90-95	85-90	30-50	10-20
Typic Haplaquolls	0-11	Silty Clay Loam	CH CL MH ML	A-7	0	0	100	100	90-100	85-95	40-55	15-25
161: Ocala	0-14	Silt Loam	CL ML	A-4 A-6	0	0	100	100	90-100	70-80	30-40	5-15
	14-60	Silt Loam Silty Clay Loam	CL ML	A-6 A-7	0	0	100	100	95-100	85-95	30-50	10-20
164: Ocala	0-3	Silt Loam	CL ML	A-4 A-6	0	0	100	100	95-100	85-95	30-40	5-15
	3-14	Silty Clay Loam Silt Loam	CL ML	A-6 A-7	0	0	100	100	95-100	85-95	30-50	10-20
	14-60	Silty Clay Loam Silt Loam	CL ML	A-6 A-7	0	0	90-100	90-100	90-95	85-90	30-50	10-20
171:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
171: Nuc	0-4	Gravelly Loam	GM SM	A-4	0	0-10	70-80	60-70	50-60	35-50	25-30	NP-5
	4-44	Extremely Gravelly Clay Loam	GC	A-2	0	0-10	25-45	20-40	15-30	10-20	30-35	10-15
	44-60	Very Gravelly Clay Loam Very Gravelly Loam Extremely Gravelly Loamy Sand	GP GP-GM GW-GM	A-1	0	0-10	20-30	10-25	5-15	0-10	0-14	NP
Maghills	0-8	Gravelly Sandy Loam	SM	A-2	0	0-5	70-85	60-75	45-55	25-35	20-25	NP-5
	8-17	Very Gravelly Loam Gravelly Fine Sandy Loam	GM SM	A-1 A-2	0	0-5	50-70	40-60	25-50	15-40	20-25	NP-5
	17-44	Gravelly Sandy Loam Extremely Gravelly Sandy Loam	GM	A-4 A-1	0	0-5	30-50	20-40	15-30	10-20	20-25	NP-5
	44-60	Very Gravelly Fine Sandy Loam Very Gravelly Sandy Loam Extremely Gravelly Sand Extremely Gravelly Loamy Sand	GP GP-GM	A-1	0	0-5	30-40	20-25	5-15	0-10	0-14	NP
	0-13	Gravelly Loam	GM SM	A-4	0	0-10	70-80	60-70	50-60	35-50	25-30	NP-5
	13-44	Extremely Gravelly Clay Loam Very Gravelly Clay Loam Very Gravelly Loam	GC	A-2	0	0-10	25-45	20-40	15-30	10-20	30-35	10-15
172: Nuc	44-60	Extremely Gravelly Loamy Sand	GP GP-GM GW-GM	A-1	0	0-10	20-30	10-25	5-15	0-10	0-14	NP

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
172: Maghills	0-8	Gravelly Sandy Loam	SM	A-2	0	0-5	70-85	60-75	45-55	25-35	20-25	NP-5
	8-17	Gravelly Fine Sandy Loam	GM	A-1	0	0-5	50-70	40-60	25-50	15-40	20-25	NP-5
		Gravelly Sandy Loam	SM	A-2								
		Very Gravelly Loam		A-4								
	17-44	Very Gravelly Fine Sandy Loam	GM	A-1	0	0-5	30-50	20-40	15-30	10-20	20-25	NP-5
		Very Gravelly Sandy Loam										
		Extremely Gravelly Sandy Loam										
	44-60	Extremely Gravelly Loamy Sand	GP GP-GM	A-1	0	0-5	30-40	20-25	5-15	0-10	---	NP
		Extremely Gravelly Sand										
180: Clowfin	0-4	Sandy Loam	SM	A-2	0	0-5	80-95	75-90	60-80	25-35	20-30	NP-5
	4-40	Stratified Very Gravelly Sandy Loam To Very Gravelly Loam	GM	A-1 A-2 A-4	0	10-25	50-65	40-60	30-50	20-40	20-30	NP-5
	40-60	Very Gravelly Sandy Loam	GP	A-1	0	5-30	25-40	20-35	10-20	0-10	0-14	NP
		Extremely Gravelly Sand	GP-GM									
190: Broyles	0-11	Silt Loam	ML	A-4	0	0	100	95-100	85-95	60-75	---	NP
	11-60	Stratified Gravelly Loamy Sand To Loam	SM	A-2	0	0	70-100	60-95	30-40	25-35	---	NP
191: Broyles	0-11	Silt Loam	ML	A-4	0	0	100	95-100	85-95	60-75	---	NP
	11-60	Stratified Gravelly Loamy Sand To Loam	SM	A-2	0	0	70-100	60-95	30-40	25-35	---	NP

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
191: Pumper	0-13	Sandy Loam	ML SM	A-4	0	0	80-100	75-100	50-75	35-55	20-25	NP-5
	13-60	Stratified Extremely Gravelly Coarse Sand To Very Gravelly Loam	GP GP-GM GW-GM	A-1	0	0-5	20-40	20-35	10-20	0-10	---	NP
192: Broyles	0-11	Very Fine Sandy Loam	ML	A-4	0	0	100	95-100	85-95	60-75	---	NP
	11-60	Stratified Gravelly Loamy Sand To Loam	SM	A-2	0	0	70-100	60-95	30-40	25-35	---	NP
Ricert	0-5	Gravelly Silt Loam	SC SC-SM	A-4	0	0	75-85	55-75	40-55	35-50	20-30	5-10
	5-14	Clay Loam	CL	A-6	0	0	90-100	85-100	80-90	70-80	35-45	15-20
	14-20	Loam	CL	A-7 A-6	0	0-5	85-100	80-95	60-75	50-70	30-40	10-15
	20-60	Loam Silt Loam Clay Loam Very Gravelly Loamy Sand Very Gravelly Sandy Loam Extremely Gravelly Loamy Sand	GM GP-GM	A-1	0	0-15	30-60	20-50	15-35	5-25	0-14	NP
Broyles	0-5	Very Fine Sandy Loam	ML	A-4	0	0	95-100	95-100	85-100	50-70	20-25	NP-5
	5-11	Silt Loam	ML	A-4	0	0	95-100	90-100	75-90	40-55	20-25	NP-5
		Fine Sandy Loam	SM									
	11-60	Very Fine Sandy Loam Stratified Gravelly Loamy Sand To Loam	SM	A-2	0	0	70-100	60-95	30-40	25-35	0-14	NP
200: Sonoma Variant	0-4	Silt Loam	ML	A-4	0	0	100	100	95-100	75-85	25-30	NP-5
	4-60	Silt Loam	ML	A-4	0	0	100	100	95-100	75-85	25-30	NP-5

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
200:	In											
201: Umil	0-7	Loam	CL-ML	A-4	0	0	90-100	85-95	70-80	60-70	20-30	NP-10
	7-12	Gravelly Loam Loam	ML SC SC-SM	A-2 A-4 A-6	0	0	65-90	55-80	40-60	30-50	20-30	5-15
	12-42	Indurated	---	---	---	---	---	---	---	---	---	---
202: Umil	0-7	Loam	CL-ML	A-4	0	0	90-100	85-95	70-80	60-70	20-30	NP-10
	7-12	Loam Gravelly Loam	ML SC SC-SM	A-2 A-4 A-6	0	0	65-90	55-80	40-60	30-50	20-30	5-15
	12-42	Indurated	---	---	---	---	---	---	---	---	---	---
Hayeston	0-4	Sandy Loam	SM	A-2 A-4	0	0	85-100	75-100	50-60	30-40	15-25	NP-5
	4-27	Sandy Loam Gravelly Fine Sandy Loam Fine Sandy Loam	GM SM SM	A-2 A-4	0	0	75-95	70-90	40-60	25-40	15-25	NP-5
	27-60	Stratified Extremely Gravelly Sand To Very Gravelly Loamy Sand	GM GP-GM SM SP-SM	A-1	0	0	35-60	25-50	15-30	5-15	0-14	NP
203:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
203: Umil	In											
	0-7	Loam	CL-ML ML	A-4	0	0	90-100	85-95	70-80	60-70	20-30	NP-10
	7-12	Gravelly Loam Loam	SC SC-SM	A-2 A-4 A-6	0	0	65-90	55-80	40-60	30-50	20-30	5-15
	12-42	Indurated	---	---	---	---	---	---	---	---	---	---
Clowfin	0-4	Sandy Loam	SM	A-2	0	0-5	80-95	75-90	60-80	25-35	20-30	NP-5
	4-40	Stratified Very Gravelly Sandy Loam To Very Gravelly Loam	GM	A-1 A-2 A-4	0	10-25	50-65	40-60	30-50	20-40	20-30	NP-5
	40-60	Very Gravelly Sandy Loam Extremely Gravelly Sand	GP GP-GM	A-1	0	5-30	25-40	20-35	10-20	0-10	0-14	NP
210: Molion	0-5	Loam	CL CL-ML	A-4	0	0	95-100	85-95	80-90	50-60	20-30	5-10
	5-19	Very Gravelly Sandy Loam Extremely Gravelly Loam Extremely Gravelly Sandy Loam	GC-GM GM	A-1 A-2	0	0	30-45	20-35	15-25	10-20	20-30	NP-10
	19-33 33-60	Cemented Stratified Very Gravelly Loamy Sand To Extremely Gravelly Loam	--- GM GP-GM	--- A-1	--- 0	--- 0-5	--- 50-60	--- 20-35	--- 15-30	--- 5-20	--- 15-20	--- NP-5

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Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
211: Molion	In											
	0-5	Loam	CL CL-ML	A-4	0	0	95-100	85-95	80-90	50-60	20-30	5-10
	5-19	Very Gravelly Sandy Loam Extremely Gravelly Loam Extremely Gravelly Sandy Loam	GC-GM GM	A-1 A-2	0	0	30-45	20-35	15-25	10-20	20-30	NP-10
	19-33 33-60	Cemented Stratified Very Gravelly Loamy Sand To Extremely Gravelly Loam	--- GM GP-GM	--- A-1	--- 0	--- 0-5	--- 50-60	--- 20-35	--- 15-30	--- 5-20	--- 15-20	--- NP-5
Kobeh	0-7	Gravelly Loam	SM	A-4	0	0	70-80	65-75	55-65	35-45	20-25	NP-5
	7-15	Gravelly Fine Sandy Loam Gravelly Sandy Loam	SM	A-1 A-2	0	0	70-80	55-70	45-55	20-30	15-25	NP-5
	15-60	Stratified Very Gravelly Sand To Gravelly Fine	GM GP-GM SM SP-SM	A-1	0	0	40-65	35-50	25-45	5-20	0-14	NP
221: Hodedo	0-6	Stony Loam	CL	A-6	1-5	15-25	85-95	80-90	65-75	50-60	25-35	10-15
	6-20	Cobbly Clay Loam Cobbly Clay Gravelly Clay Loam	CL SC	A-7	0	10-25	65-85	60-80	50-75	35-55	40-50	20-25
	20-29	Indurated	---	---	---	---	---	---	---	---	---	---
	29-60	Extremely Cobbly Loamy Coarse Sand	GM SM	A-1	10-20	45-55	50-60	45-55	30-40	10-15	---	NP
222:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
222: Hodedo	0-6	Stony Loam	CL	A-6	1-5	15-25	85-95	80-90	65-75	50-60	25-35	10-15
	6-20	Cobbly Clay Gravelly Clay Loam Cobbly Clay Loam	CL SC	A-7	0	10-25	65-85	60-80	50-75	35-55	40-50	20-25
	20-29	Indurated	---	---	---	---	---	---	---	---	---	---
	29-60	Extremely Cobbly Loamy Coarse Sand	GM SM	A-1	10-20	45-55	50-60	45-55	30-40	10-15	---	NP
Coils	0-5	Loam	CL CL-ML	A-4 A-6	0	0-5	90-100	80-100	65-75	55-65	25-35	5-15
	5-26	Clay Loam Gravelly Clay Loam Clay	CH CL	A-7	0	0	70-100	70-90	60-80	50-70	40-55	20-30
	26-37	Cemented	---	---	---	---	---	---	---	---	---	---
	37-60	Very Gravelly Sandy Loam	GC-GM GM	A-1 A-2	0	0-10	50-60	40-50	30-40	15-25	20-30	NP-10
223: Hodedo	0-6	Very Stony Loam	CL	A-6	5-15	20-35	85-95	80-90	65-75	50-60	25-35	10-15
	6-20	Cobbly Clay Gravelly Clay Loam Cobbly Clay Loam	CL SC	A-7	0	10-25	65-85	60-80	50-75	35-55	40-50	20-25
	20-29	Indurated	---	---	---	---	---	---	---	---	---	---
	29-60	Extremely Cobbly Loamy Coarse Sand	GM SM	A-1	10-20	45-55	50-60	45-55	30-40	10-15	---	NP
230:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
230: Nadra	0-7	Loam	ML	A-4	0	0	90-100	80-100	65-80	50-75	20-25	NP-5
	7-19	Gravelly Loam	GM	A-2	0	0	60-90	55-85	40-75	25-50	20-25	NP-5
		Fine Sandy Loam	SM	A-4								
		Sandy Loam										
	19-33	Cemented	---	---	---	---	---	---	---	---	---	---
	33-60	Extremely Gravelly Loamy Sand	GP-GM	A-1	0	0	30-35	20-25	5-20	5-10	0-14	NP
241: Humboldt	0-13	Loam	CL	A-6	0	0	100	100	90-100	80-90	30-40	10-20
	13-65	Stratified Silty Clay Loam To Clay	MH	A-7	0	0	100	100	95-100	90-100	50-65	15-25
250: Dianev	0-5	Silt Loam	CL CL-ML ML	A-4	0	0	100	100	95-100	75-90	25-35	5-10
	5-57	Silt Loam	CL	A-6	0	0	100	100	95-100	80-90	30-45	10-20
		Silty Clay Loam		A-7								
	57-60	Stratified Loamy Sand To Clay	CL	A-6	0	0	100	100	95-100	55-65	25-35	10-15
Haplaquolls	0-11	Silt Loam	CH CL MH ML	A-7	0	0	100	100	90-100	85-95	40-55	15-25
260:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
260: Shipley	In											
	0-9	Fine Sandy Loam	ML SM	A-4	0	0	90-100	85-100	75-90	40-55	15-25	NP-5
	9-41	Sandy Loam Fine Sandy Loam	SM	A-2	0	0	95-100	90-100	55-65	25-35	15-25	NP-5
	41-60	Stratified Very Gravelly Sandy Loam To Gravelly Loam	GM SM	A-1 A-2	0	0	45-70	40-65	35-55	20-35	20-30	NP-5
270: Poorcal												
	0-5	Loam	CL CL-ML	A-4	0	0	95-100	90-100	85-95	60-70	20-25	5-10
	5-29	Gravelly Loam Loam	SC SC-SM	A-2 A-4	0	0	65-90	55-85	40-60	20-50	15-25	5-10
	29-60	Gravelly Sandy Loam Very Gravelly Loam Very Gravelly Sandy Loam Very Gravelly Loamy Sand	GM	A-1 A-2	0	0	45-60	40-50	15-40	10-35	0-14	NP
271: Poorcal												
	0-5	Loam	CL CL-ML	A-4	0	0	95-100	90-100	85-95	60-70	20-25	5-10
	5-29	Loam Gravelly Sandy Loam Gravelly Loam	SC SC-SM	A-2 A-4	0	0	65-90	55-85	40-60	20-50	15-25	5-10
	29-60	Very Gravelly Loamy Sand Very Gravelly Loam Very Gravelly Sandy Loam	GM	A-1 A-2	0	0	45-60	40-50	15-40	10-35	0-14	NP

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
271: Lopwash	0-10	Loam	CL-ML SC	A-4	0	0	90-100	80-90	75-85	45-55	20-25	5-10
	10-32	Very Gravelly Sandy Loam Very Gravelly Coarse Sandy Loam	SC-SM GC GC-GM	A-2	0	0	40-50	30-40	20-30	10-20	20-25	5-10
	32-60	Very Gravelly Loamy Sand	GM	A-1	0	0-5	40-50	30-45	20-25	10-15	0-14	NP
280: Coils	0-5	Loam	CL CL-ML	A-4 A-6	0	0-5	90-100	80-100	65-75	55-65	25-35	5-15
	5-26	Clay Loam Gravelly Clay Loam Clay	CH CL	A-7	0	0	70-100	70-90	60-80	50-70	40-55	20-30
	26-37 37-60	Cemented Very Gravelly Sandy Loam	--- GC-GM GM	--- A-1 A-2	--- 0	--- 0-10	--- 50-60	--- 40-50	--- 30-40	--- 15-25	--- 20-30	--- NP-10
282: Coils	0-5	Loam	CL CL-ML	A-4 A-6	0	0-5	90-100	80-100	65-75	55-65	25-35	5-15
	5-26	Clay Gravelly Clay Loam Clay Loam	CH CL	A-7	0	0	70-100	70-90	60-80	50-70	40-55	20-30
	26-37 37-60	Cemented Very Gravelly Sandy Loam	--- GC-GM GM	--- A-1 A-2	--- 0	--- 0-10	--- 50-60	--- 40-50	--- 30-40	--- 15-25	--- 20-30	--- NP-10

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
282: Mau	In											
	0-4	Very Stony Loam	SC	A-2	10-20	0-20	70-80	45-55	40-50	25-35	25-35	10-15
	4-24	Very Gravelly Clay Loam	GC	A-2	0	0-10	35-65	25-45	20-40	15-35	40-55	20-30
		Very Gravelly Clay										
	24-34	Very Gravelly Clay	GC	A-2	0	0-10	15-50	10-45	5-40	5-30	35-50	15-25
		Extremely Gravelly Clay	GP-GC									
		Loam										
	34-38	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
283: Coils												
	0-5	Loam	CL	A-4	0	0-5	90-100	80-100	65-75	55-65	25-35	5-15
			CL-ML	A-6								
	5-26	Clay Loam	CH	A-7	0	0	70-100	70-90	60-80	50-70	40-55	20-30
		Gravelly Clay Loam	CL									
		Clay										
	26-37	Cemented	---	---	---	---	---	---	---	---	---	---
	37-60	Very Gravelly Sandy Loam	GC-GM	A-1	0	0-10	50-60	40-50	30-40	15-25	20-30	NP-10
			GM	A-2								
Umil												
	0-7	Loam	CL-ML	A-4	0	0	90-100	85-95	70-80	60-70	20-30	NP-10
			ML									
	7-12	Loam	SC	A-2	0	0	65-90	55-80	40-60	30-50	20-30	5-15
		Gravelly Loam	SC-SM	A-4								
				A-6								
	12-42	Indurated	---	---	---	---	---	---	---	---	---	---
291:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
291: Ricert	In											
	0-5	Sandy Loam	SC SC-SM	A-2 A-4	0	0	80-100	75-100	55-75	30-50	20-30	5-10
	5-14	Loam Clay Loam	CL	A-6 A-7	0	0	90-100	85-100	80-90	70-80	35-45	15-20
	14-20	Clay Loam Silt Loam	CL	A-6	0	0-5	85-100	80-95	60-75	50-70	30-40	10-15
	20-60	Loam Extremely Gravelly Loamy Sand Very Gravelly Sandy Loam Very Gravelly Loamy Sand	GM GP-GM	A-1	0	0-15	30-60	20-50	15-35	5-25	15-20	NP-5
Pumper	0-13	Sandy Loam	ML SM	A-4	0	0	80-100	75-100	50-75	35-55	20-25	NP-5
	13-60	Stratified Extremely Gravelly Coarse Sand To Very Gravelly Loam	GP GP-GM GW-GM	A-1	0	0-5	20-40	20-35	10-20	0-10	---	NP
Clowfin	0-4	Sandy Loam	SM	A-2	0	0-5	80-95	75-90	60-80	25-35	20-30	NP-5
	4-40	Stratified Very Gravelly Sandy Loam To Very Gravelly Loam	GM	A-1 A-2 A-4	0	10-25	50-65	40-60	30-50	20-40	20-30	NP-5
	40-60	Very Gravelly Sandy Loam Extremely Gravelly Sand	GP GP-GM	A-1	0	5-30	25-40	20-35	10-20	0-10	0-14	NP

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Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
292: Ricert	In											
	0-5	Sandy Loam	SC SC-SM	A-2 A-4	0	0	80-100	75-100	55-75	30-50	20-30	5-10
	5-14	Loam Clay Loam	CL	A-6 A-7	0	0	90-100	85-100	80-90	70-80	35-45	15-20
	14-20	Silt Loam Loam Clay Loam	CL	A-6	0	0-5	85-100	80-95	60-75	50-70	30-40	10-15
	20-60	Very Gravelly Sandy Loam Very Gravelly Loamy Sand Extremely Gravelly Loamy Sand	GM GP-GM	A-1	0	0-15	30-60	20-50	15-35	5-25	15-20	NP-5
Silverado	0-6	Sandy Loam	SM	A-4	0	0	95-100	90-100	70-80	40-50	20-25	NP-5
	6-14	Sandy Loam	SM	A-4	0	0	95-100	90-100	60-70	35-45	20-25	NP-5
	14-35	Sandy Loam Gravelly Sandy Loam	GM SM	A-1	0	0	60-90	55-85	40-50	15-25	15-25	NP-5
	35-60	Very Gravelly Coarse Sand	GP	A-1	0	0	40-50	35-45	10-20	0-5	0-14	NP
293: Ricert	0-5	Sandy Loam	SC SC-SM	A-2 A-4	0	0	80-100	75-100	55-75	30-50	20-30	5-10
	5-14	Loam Clay Loam	CL	A-6 A-7	0	0	90-100	85-100	80-90	70-80	35-45	15-20
	14-20	Clay Loam Silt Loam Loam	CL	A-6	0	0-5	85-100	80-95	60-75	50-70	30-40	10-15
	20-60	Extremely Gravelly Loamy Sand Very Gravelly Loamy Sand Very Gravelly Sandy Loam	GM GP-GM	A-1	0	0-15	30-60	20-50	15-35	5-25	15-20	NP-5

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
293: Nevador	In											
	0-5	Very Fine Sandy Loam	ML	A-4	0	0	95-100	95-100	90-100	50-70	20-30	NP-5
	5-22	Clay Loam	CL	A-6	0	0-5	90-100	80-90	70-80	45-55	35-45	15-25
		Sandy Clay Loam	SC	A-7								
	22-60	Stratified Loamy Sand To Gravelly Fine Sandy Loam	SM	A-2 A-4	0	0-10	85-100	70-90	50-60	30-40	20-25	NP-5
300: Rutab	0-6	Loam	ML	A-4	0	0	90-100	85-95	75-85	50-60	20-25	NP-5
	6-22	Very Gravelly Loam	GC-GM	A-1	0	0	45-85	35-75	30-50	15-45	15-25	NP-10
		Gravelly Loam	SC-SM	A-2								
		Very Gravelly Sandy Loam	SM	A-4								
	22-60	Very Gravelly Sandy Loam Extremely Gravelly Loamy Sand Extremely Gravelly Sandy Loam	GP-GM	A-1	0	0	30-45	20-35	10-25	5-10	15-20	NP-5
311: Eightmile	0-3	Very Gravelly Loam	GC GC-GM	A-2	0	0-10	40-60	30-50	25-35	20-30	20-30	5-10
	3-9	Very Gravelly Loam Extremely Gravelly Loam Very Cobbly Loam	GC GC-GM	A-2	0	5-30	25-50	20-45	15-35	15-30	20-30	5-10
	9-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	24-28	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
311: Loncan	0-10	Gravelly Loam	CL GC	A-6	0	0-15	65-80	60-75	50-70	35-60	30-35	10-15
	10-35	Very Gravelly Loam Very Gravelly Sandy Clay Loam	GC	A-2	0-5	5-55	35-60	30-50	25-40	20-35	30-35	10-15
	35-39	Extremely Cobbly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Glean	0-14	Very Gravelly Loam	GM	A-1 A-2	0	0-10	30-55	25-50	20-40	10-30	20-30	NP-5
	14-56	Very Gravelly Loam Very Gravelly Sandy Loam	GM	A-1 A-2	0-5	0-25	30-65	25-60	20-50	10-35	20-30	NP-5
	56-60	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch	0-13	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
	13-60	Stratified Sandy Loam To Silty Clay Loam	CL	A-6	0	0	80-100	75-100	65-90	50-70	30-40	10-20
321: Mau	0-4	Stony Loam	CL CL-ML GC GC-GM SC	A-4 A-6	1-5	0-5	65-85	55-80	45-70	35-60	20-35	5-15
	4-24	Very Gravelly Clay Very Gravelly Clay Loam	GC	A-2	0	0-10	35-65	25-45	20-40	15-35	40-55	20-30
	24-34	Extremely Gravelly Clay Loam	GC GP-GC	A-2	0	0-10	15-50	10-45	5-40	5-30	35-50	15-25
	34-38	Very Gravelly Clay Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
321: Shagnasty	In											
	0-12	Very Stony Loam	SC SC-SM	A-2 A-4 A-6	5-15	20-25	70-85	50-65	45-60	30-45	25-35	5-15
	12-36	Clay Loam Clay	CH CL	A-7	0	5-10	90-100	85-95	75-90	60-75	40-60	20-35
	36-59	Cobbly Silty Clay Loam Cobbly Clay Loam	CH CL MH ML	A-7	0	15-25	70-90	65-85	55-80	50-70	40-55	15-25
	59-63	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Eightmile	0-3	Very Gravelly Loam	GC GC-GM	A-2	0	0-10	40-60	30-50	25-35	20-30	20-30	5-10
	3-9	Very Gravelly Loam Extremely Gravelly Loam Very Cobbly Loam	GC GC-GM	A-2 A-4	0	5-30	25-50	20-45	15-35	15-30	20-30	5-10
	9-24	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	24-28	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
330: Hopeka	0-9	Very Gravelly Loam	GC	A-2	0	0-15	40-55	25-50	25-45	20-35	25-35	10-15
	9-13	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Solak	0-10	Very Gravelly Loam	GC GC-GM	A-2 A-4	0	0	30-50	25-50	20-45	15-40	20-25	5-10
	10-14	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
330: Ados	In											
	0-4	Gravelly Loam	ML SM	A-2 A-4	0	0	70-80	55-75	40-65	30-55	20-30	NP-5
	4-30	Extremely Gravelly Loam Very Gravelly Loam Very Gravelly Sandy Loam	GM	A-1 A-2	0	0	45-60	25-50	20-40	10-35	20-30	NP-5
	30-39	Indurated	---	---	---	---	---	---	---	---	---	---
	39-43	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
331: Hopeka	0-9	Very Gravelly Loam	GC	A-2	0	0-15	40-55	25-50	25-45	20-35	25-35	10-15
	9-13	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Solak	0-10	Very Gravelly Loam	GC GC-GM	A-2 A-4	0	0	30-50	25-50	20-45	15-40	20-25	5-10
	10-14	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
332: Hopeka	0-9	Very Gravelly Loam	GC	A-2	0	0-15	40-55	25-50	25-45	20-35	25-35	10-15
	9-13	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
332: Cavehill	In											
	0-9	Bouldery Silt Loam	CL-ML ML SC SC-SM SM	A-4	5-10	5-10	70-85	60-75	50-65	40-55	25-35	5-10
	9-18	Very Cobbly Silt Loam Very Gravelly Silt Loam	GC GC-GM GM	A-2 A-4	0-5	10-45	35-65	30-60	25-50	20-45	25-35	5-10
	18-29	Very Gravelly Loam Very Cobbly Loam	GC GC-GM GM	A-2 A-4	0-5	10-45	35-65	30-60	25-50	20-40	25-35	5-10
	29-33	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
341: Tenvorrd	0-9	Silt Loam	CL CL-ML	A-4 A-6	0	0	100	95-100	85-95	65-85	25-35	5-15
	9-19	Silt Loam	CL	A-4	0	0	100	90-100	80-90	60-80	25-35	5-15
	19-40	Indurated	CL-ML	A-6	---	---	---	---	---	---	---	---
			---	---	---	---	---	---	---	---	---	---
Kodra	0-5	Loam	CL CL-ML	A-4	0	0	85-100	75-100	65-80	55-65	20-30	5-10
	5-28	Sandy Loam Loam	CL-ML SC SC-SM	A-2 A-4	0	0	85-100	75-100	55-80	30-60	20-25	5-10
	28-48	Cemented	---	---	---	---	---	---	---	---	---	---
	48-60	Stratified Sand To Silt Loam	CL CL-ML SC-SM	A-4	0	0	85-100	75-100	65-80	45-60	20-30	5-10

350:

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
350: Fenster	In											
	0-6	Silt Loam	CL ML	A-4 A-6	0	0	100	100	95-100	70-90	30-40	5-15
	6-13	Silty Clay Loam Silt Loam	CL ML	A-4 A-6 A-7	0	0	100	100	95-100	80-100	30-45	5-20
	13-60	Silt Loam Silty Clay Loam	CL ML	A-4 A-6 A-7	0	0	100	100	95-100	75-100	30-45	5-20
351: Fenster	0-6	Silt Loam	CL ML	A-4 A-6	0	0	100	100	95-100	75-95	30-40	5-15
	6-13	Silty Clay Loam Silt Loam	CL ML	A-4 A-6 A-7	0	0	100	100	95-100	80-100	30-45	5-20
	13-60	Silt Loam Silty Clay Loam	CL ML	A-4 A-6 A-7	0	0	100	100	95-100	75-100	30-45	5-20
352: Fenster	0-6	Silt Loam	CL ML	A-4 A-6	0	0	100	100	95-100	75-95	30-40	5-15
	6-13	Silty Clay Loam Silt Loam	CL ML	A-4 A-6 A-7	0	0	100	100	95-100	80-100	30-45	5-20
	13-60	Silty Clay Loam Silt Loam	CL ML	A-4 A-6 A-7	0	0	100	100	95-100	75-100	30-45	5-20
Jesse Camp	0-10	Silt Loam	ML	A-4	0	0	100	100	90-100	65-80	25-35	NP-10
	10-60	Silt Loam	ML	A-4 A-6	0	0	100	100	95-100	75-85	30-40	5-15

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
353: Fenster	In											
	0-6	Silt Loam	CL ML	A-4 A-6	0	0	100	100	95-100	70-90	30-40	5-15
	6-13	Silty Clay Loam Silt Loam	CL ML	A-4 A-6 A-7	0	0	100	100	95-100	80-100	30-45	5-20
	13-60	Silt Loam Silty Clay Loam	CL ML	A-4 A-6 A-7	0	0	100	100	95-100	75-100	30-45	5-20
Jesse Camp	0-10	Silt Loam	ML	A-4	0	0	100	100	90-100	65-80	25-35	NP-10
	10-60	Silt Loam	ML	A-4 A-6	0	0	100	100	95-100	75-85	30-40	5-15
361: Loncan Variant												
	0-5	Loam	CL-ML ML SC-SM	A-4	0	0	80-100	75-100	60-80	40-60	20-30	NP-10
	5-19	Silt Loam	SM CL CL-ML	A-4	0	0	80-100	75-100	60-80	50-60	25-35	5-10
	19-48	Gravelly Loam	ML GC SC	A-6	0	0	55-80	50-75	40-65	35-50	30-35	10-15
	48-60	Very Gravelly Loamy Sand	GM	A-1	0	0	40-55	35-50	20-30	10-15	0-14	NP
370: Kobeh												
	0-7	Gravelly Loam	SM	A-4	0	0	70-80	65-75	55-65	35-45	20-25	NP-5
	7-15	Gravelly Fine Sandy Loam Gravelly Sandy Loam	SM	A-1 A-2	0	0	70-80	55-70	45-55	20-30	15-25	NP-5
	15-60	Stratified Very Gravelly Sand To Gravelly Fine	GM GP-GM SM SP-SM	A-1	0	0	40-65	35-50	25-45	5-20	0-14	NP

Distribution Generation Date: 6/27/02

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Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
370:	In											
371: Kobeh	0-7	Gravelly Loam	SM	A-4	0	0	70-80	65-75	55-65	35-45	20-25	NP-5
	7-15	Gravelly Fine Sandy Loam	SM	A-1	0	0	70-80	55-70	45-55	20-30	15-25	NP-5
		Gravelly Sandy Loam		A-2								
	15-60	Stratified Very Gravelly Sand To Gravelly Fine	GM GP-GM SM SP-SM	A-1	0	0	40-65	35-50	25-45	5-20	0-14	NP
Shipley	0-9	Fine Sandy Loam	ML SM	A-4	0	0	90-100	85-100	75-90	40-55	15-25	NP-5
	9-41	Sandy Loam	SM	A-2	0	0	95-100	90-100	55-65	25-35	15-25	NP-5
		Fine Sandy Loam										
	41-60	Stratified Very Gravelly Sandy Loam To Gravelly Loam	GM SM	A-1 A-2	0	0	45-70	40-65	35-55	20-35	20-30	NP-5
382: Toeja	0-15	Loam	CL CL-ML	A-4	0	0	80-100	75-100	60-70	50-60	25-30	5-10
	15-31	Sandy Clay Loam	CL	A-6	0	0	80-100	75-100	60-70	45-55	30-40	10-20
			SC									
	31-56	Sandy Loam	SC SC-SM	A-4	0	0	80-100	75-100	50-65	35-50	20-30	5-10
	56-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
382: Toeja	0-15	Loam	CL CL-ML	A-4	0	0	80-100	75-100	60-70	50-60	25-30	5-10
	15-31	Sandy Clay Loam	CL SC	A-6	0	0	80-100	75-100	60-70	45-55	30-40	10-20
	31-56	Sandy Loam	SC SC-SM	A-4	0	0	80-100	75-100	50-65	35-50	20-30	5-10
	56-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	0-5	Fine Sandy Loam	SM	A-4	0	0	90-100	85-95	60-80	35-50	---	NP
Puet	5-17	Sandy Loam	ML	A-1	0	0	80-100	75-95	40-80	15-55	---	NP
		Fine Sandy Loam	SM	A-2								
		Coarse Sandy Loam		A-4								
	17-21	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
392: Lopwash	0-10	Loam	CL-ML SC SC-SM	A-4	0	0	90-100	80-90	75-85	45-55	20-25	5-10
	10-32	Very Gravelly Sandy Loam Very Gravelly Coarse Sandy Loam	GC GC-GM	A-2	0	0	40-50	30-40	20-30	10-20	20-25	5-10
	32-60	Very Gravelly Loamy Sand	GM	A-1	0	0-5	40-50	30-45	20-25	10-15	0-14	NP
400: Brinnum	0-6	Silt Loam	ML	A-4	0	0	100	100	95-100	80-90	30-40	5-10
	6-41	Stratified Silt Loam To Silty Clay Loam	ML	A-4 A-6 A-7	0	0	100	100	95-100	80-90	30-45	5-15
	41-60	Stratified Gravelly Sand To Gravelly Sandy Loam	SM	A-1 A-2	0	0	75-100	50-75	30-50	10-30	15-25	NP-5
401:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
401: Brinum	0-20	Silt Loam	ML	A-4	0	0	100	100	95-100	85-95	30-40	5-10
	20-60	Silt Loam	ML	A-4	0	0	100	100	95-100	85-95	30-40	5-10
Humboldt	0-13	Silty Clay Loam	CL	A-6	0	0	100	100	100	90-100	35-45	15-20
	13-60	Stratified Silty Clay Loam To Clay	MH	A-7	0	0	90-100	90-100	85-100	80-100	50-60	15-25
410: Beanflat	0-5	Silt Loam	ML	A-4	0	0	100	100	80-100	60-85	20-30	NP-5
	5-22	Sandy Loam Loam	ML SM	A-4	0	0	100	100	65-80	35-55	20-30	NP-5
	22-60	Fine Sandy Loam Loam Sandy Loam Fine Sandy Loam	ML SM	A-4	0	0	100	100	65-80	35-55	20-30	NP-5
422: Chen	0-9	Gravelly Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0-10	75-85	60-70	55-65	45-55	25-35	5-15
	9-17	Very Gravelly Clay Extremely Gravelly Clay Very Cobbly Clay	GC	A-2	0	15-45	35-60	30-55	25-40	25-35	45-60	20-30
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
422: Ramires	0-9	Loam	CL CL-ML	A-4 A-6	0	0-10	90-100	75-90	65-85	60-75	25-35	5-15
	9-26	Gravelly Clay Gravelly Clay Loam Clay	CH CL	A-7	0	0-10	75-95	65-85	60-80	50-65	45-55	25-35
	26-33	Very Gravelly Clay	GC	A-2 A-7	0	0-10	40-55	35-50	30-45	25-40	50-55	30-35
	33-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
423: Chen	0-9	Cobbly Loam	SC SC-SM SM	A-4	0	20-25	80-90	60-80	55-70	40-50	25-35	5-10
	9-17	Very Cobbly Clay Very Gravelly Clay Extremely Gravelly Clay	GC	A-2	0	15-45	35-60	30-55	25-40	25-35	45-60	20-30
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ramires	0-9	Loam	CL CL-ML	A-4 A-6	0	0-10	90-100	75-90	65-85	60-75	25-35	5-15
	9-26	Gravelly Clay Gravelly Clay Loam Clay	CH CL	A-7	0	0-10	75-95	65-85	60-80	50-65	45-55	25-35
	26-33	Very Gravelly Clay	GC	A-2 A-7	0	0-10	40-55	35-50	30-45	25-40	50-55	30-35
	33-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
424:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
424: Chen	In											
	0-9	Very Cobbly Loam	GC GC-GM	A-2 A-4 A-6	0-10	45-55	55-65	50-60	45-55	30-40	25-35	5-15
	9-17	Very Gravelly Clay Very Cobbly Clay	GC	A-2	0-15	5-50	45-55	30-50	25-40	25-35	55-65	35-40
	17-21	Extremely Cobbly Clay Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Singletree	0-15	Very Cobbly Loam	GM	A-2 A-4	0	30-35	55-70	50-65	30-45	25-45	25-35	NP-5
	15-35	Clay Loam Gravelly Clay Loam	CL GC	A-6	0	0-15	70-80	60-80	50-70	40-60	30-40	10-15
	35-57	Loam Sandy Clay Loam Sandy Loam	SC SC SC-SM	A-2	0	0-5	65-95	60-90	30-60	20-30	25-30	5-10
	57-61	Gravelly Sandy Loam Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Jivas	0-12	Very Cobbly Loam	CL-ML GC GC-GM SC-SM	A-2 A-4	0	40-55	55-85	50-80	40-70	30-55	20-30	5-10
	12-45	Extremely Gravelly Sandy Clay Loam Extremely Gravelly Clay Loam	GC GP-GC	A-2	0	0-10	20-35	15-30	10-25	5-20	30-40	10-15
		Extremely Gravelly Loam										
	45-49	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
425:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
425: Chen	0-9	Cobbly Loam	SC SC-SM SM GC	A-4	0	20-25	80-90	60-80	55-70	40-50	25-35	5-10
	9-17	Extremely Gravelly Clay Very Cobbly Clay Very Gravelly Clay	GC	A-2	0	15-45	35-60	30-55	25-40	25-35	45-60	20-30
	17-21	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pie Creek	0-8	Very Cobbly Loam	ML	A-4	0	40-50	85-95	60-90	55-80	50-60	25-30	NP-5
	8-15	Clay	CH	A-7	0	0	95-100	90-100	85-95	80-90	65-70	35-40
	15-23	Clay	CL	A-7	0	0	95-100	90-100	80-90	70-80	45-50	20-25
	23-27	Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ramires	0-9	Very Stony Loam	CL	A-6	10-20	0-30	80-85	70-80	65-75	50-60	30-40	10-20
	9-26	Gravelly Clay Loam Gravelly Clay Clay	CH CL	A-7	0	0-10	75-85	65-85	60-80	50-65	45-55	25-35
	26-33	Sandy Loam	SC	A-2	0	0-10	85-90	75-85	50-65	25-35	25-35	10-15
	33-37	Sandy Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Fluvaquentic Haplaquolls	0-12	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
431:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
431: Ramires	In											
	0-9	Gravelly Clay Loam	GC	A-6 A-7	0	0-15	60-65	50-60	45-55	40-50	35-45	15-20
	9-26	Gravelly Clay Clay	CH CL	A-7	0	0-10	75-85	65-85	60-80	50-65	45-55	25-35
	26-33	Gravelly Clay Loam Sandy Loam	SC	A-2	0	0-10	85-90	75-85	50-65	25-35	25-35	10-15
	33-37	Sandy Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Singletree	0-15	Gravelly Loam	GM	A-4	0	0	65-75	60-75	55-70	40-50	25-35	NP-5
	15-35	Clay Loam Loam	CL GC	A-6	0	0-15	70-80	60-80	50-70	40-60	30-40	10-15
	35-57	Gravelly Clay Loam Gravelly Sandy Loam Sandy Loam	SC SC SC-SM	A-2	0	0-5	65-95	60-90	30-60	20-30	25-30	5-10
	57-61	Sandy Clay Loam Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
440: Akeran	0-5	Loam	CL CL-ML	A-4	0	0	100	100	85-95	60-70	25-30	5-10
	5-49	Fine Sandy Loam Silt Loam Loam	CL	A-6	0	0	100	100	75-100	55-75	25-35	10-15
	49-60	Very Fine Sandy Loam Silt Loam Loam	ML	A-4	0	0	100	100	90-100	65-80	20-25	NP-5

451:

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
451: Foxmount	0-3	Loam	ML	A-4	0	0-10	80-100	75-100	60-85	50-75	20-25	NP-5
	3-15	Very Gravelly Loam	GC-GM	A-1	0	0-10	40-50	40-50	25-50	15-40	20-30	NP-10
		Very Gravelly Fine Sandy Loam	GM	A-2 A-4								
	15-37	Very Cobbly Sandy Loam	GC-GM	A-1	0-15	30-55	40-55	35-50	30-45	15-35	20-30	NP-10
		Extremely Cobbly Loam	GM	A-2								
		Very Cobbly Loam										
	37-41	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Haunchee	0-4	Very Gravelly Loam	GC	A-2	0	0-10	35-60	25-50	20-35	15-30	20-30	5-10
	4-12	Very Gravelly Loam	GC-GM									
		Very Gravelly Very Fine Sandy Loam	GC	A-2	0	0-30	35-60	25-50	20-35	15-30	20-30	5-10
			GC-GM									
	12-16	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
Cumulic Cryaquolls	0-12	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
452: Foxmount	0-3	Loam	ML	A-4	0	0-10	80-100	75-100	60-85	50-75	20-25	NP-5
	3-15	Very Gravelly Fine Sandy Loam	GC-GM	A-1	0	0-10	40-50	40-50	25-50	15-40	20-30	NP-10
		Very Gravelly Loam	GM	A-2 A-4								
	15-37	Extremely Cobbly Loam	GC-GM	A-1	0-15	30-55	40-55	35-50	30-45	15-35	20-30	NP-10
		Very Cobbly Sandy Loam	GM	A-2								
		Very Cobbly Loam										
	37-41	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
452: Winu	0-8	Very Stony Loam	CL-ML SC	A-4	5-50	20-50	75-85	70-80	65-75	45-55	20-30	5-10
	8-32	Gravelly Loam Gravelly Clay Loam Gravelly Sandy Clay Loam	SC-SM GC SC	A-6	0	5-10	65-75	55-75	45-65	35-45	25-35	10-20
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hackwood	0-24	Bouldery Silt Loam	CL	A-6	1-5	5-10	85-95	80-90	60-80	50-65	25-35	10-15
	24-45	Gravelly Silt Loam Gravelly Loam	CL CL-ML GC	A-4 A-6	0	0	60-80	50-75	40-70	35-65	25-35	5-15
	45-60	Very Gravelly Loam Very Gravelly Silty Clay Very Gravelly Clay Loam	GC-GM SC-SM GC	A-2 A-6	0	0	40-60	35-50	30-45	25-40	35-40	15-20
462: Haunchee	0-4	Very Gravelly Loam	GC	A-2	0	0-10	35-60	25-50	20-35	15-30	20-30	5-10
	4-12	Very Gravelly Very Fine Sandy Loam Very Gravelly Loam	GC-GM GC GC-GM	A-2	0	0-30	35-60	25-50	20-35	15-30	20-30	5-10
	12-16	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hatur	0-10	Very Gravelly Loam	GM	A-1 A-2	0	0-5	40-55	35-50	25-40	20-35	20-25	NP-5
	10-35	Extremely Gravelly Sandy Loam Extremely Gravelly Loam	GM GP-GM	A-1	0	0-25	20-30	15-25	10-25	5-20	20-25	NP-5
	35-39	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
462: Rock Outcrop	---				---	---	---	---	---	---	---	---
Cumulic Cryaquolls	0-12	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
471: Labshaft	0-5	Very Stony Loam	CL SC	A-2 A-6	5-25	0-10	65-80	60-75	40-65	30-55	30-35	10-15
	5-11	Very Gravelly Loam Extremely Gravelly Sandy Clay Loam	GC	A-2	0-10	15-25	35-60	25-50	20-40	10-30	35-45	15-20
	11-17	Very Gravelly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Winu	0-8	Gravelly Loam	CL-ML GC GC-GM	A-2 A-4	0	0	55-80	50-75	40-65	30-55	20-30	5-10
	8-32	Gravelly Clay Loam Gravelly Sandy Clay Loam Gravelly Loam	GC SC	A-6	0	5-10	65-75	55-75	45-65	35-45	25-35	10-20
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
480: Winu	0-8	Gravelly Loam	CL-ML GC GC-GM	A-2 A-4	0	0	55-80	50-75	40-65	30-55	20-30	5-10
	8-32	Gravelly Clay Loam Gravelly Sandy Clay Loam Gravelly Loam	GC SC	A-6	0	5-10	65-75	55-75	45-65	35-45	25-35	10-20
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
480: Mosquet	0-11	Very Stony Loam	GC GC-GM	A-2 A-4	5-25	10-20	60-70	55-65	50-60	30-50	20-30	5-10
	11-18	Gravelly Clay Loam Cobbly Sandy Clay Gravelly Clay	GC SC	A-7	0	5-20	65-75	60-70	55-65	35-50	40-50	25-35
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cumulic Cryaquolls	0-12	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
481: Winu	0-8	Gravelly Loam	CL-ML GC GC-GM	A-2 A-4	0	0	55-80	50-75	40-65	30-55	20-30	5-10
	8-32	Gravelly Clay Loam Gravelly Sandy Clay Loam Gravelly Loam	GC SC	A-6	0	5-10	65-75	55-75	45-65	35-45	25-35	10-20
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Spinlin	0-10	Extremely Stony Loam	GC GC-GM	A-2 A-4 A-6	25-30	15-20	60-70	50-60	40-50	30-40	25-35	5-15
	10-32	Very Gravelly Clay Very Cobbly Clay	GC SC	A-7	0	35-45	55-80	45-70	40-60	35-50	50-65	25-35
	32-36	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cumulic Cryaquolls	0-12	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
491: Rock Outcrop	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
491: Labshaft	In											
	0-5	Very Stony Loam	CL SC	A-2 A-6	5-25	0-10	65-80	60-75	40-65	30-55	30-35	10-15
	5-11	Very Gravelly Loam Extremely Gravelly Sandy Clay Loam	GC	A-2	0-10	15-25	35-60	25-50	20-40	10-30	35-45	15-20
	11-17	Very Gravelly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
492: Rock Outcrop	---				---	---	---	---	---	---	---	---
Winu	0-8	Gravelly Loam	CL-ML GC	A-2 A-4	0	0	55-80	50-75	40-65	30-55	20-30	5-10
	8-32	Gravelly Sandy Clay Loam Gravelly Loam	GC-GM GC SC	A-6	0	5-10	65-75	55-75	45-65	35-45	25-35	10-20
	32-36	Gravelly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Decram	0-10	Very Stony Loam	GC	A-2	15-25	0-30	40-55	30-45	25-40	20-35	25-35	10-15
	10-39	Very Cobbly Loam Extremely Gravelly Loam Very Gravelly Loam	GC	A-2 A-6	0-5	20-50	25-50	20-45	20-45	15-40	25-35	10-15
	39-43	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
501: Hymas	0-3	Cobbly Loam	GM ML SM	A-4	0	15-35	70-95	70-90	55-70	40-65	20-30	NP-5
	3-12	Extremely Cobbly Loam Extremely Gravelly Loam Very Cobbly Loam	GC-GM GM	A-1 A-2 A-4	0-10	20-60	35-65	30-60	25-55	20-45	20-30	NP-10
	12-16	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date: 6/27/02

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Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
501:												
Ansping	0-13	Loam	CL CL-ML	A-4	0	0	80-100	75-100	60-80	50-70	20-25	5-10
	13-43	Very Gravelly Sandy Loam Very Gravelly Loam Extremely Gravelly Loam	GC GC-GM GP-GC	A-2	0	5-10	25-45	20-40	10-30	5-20	20-30	5-10
	43-60	Cemented	---	---	---	---	---	---	---	---	---	---
511:												
Ansping	0-13	Loam	CL CL-ML	A-4	0	0	80-100	75-100	60-80	50-70	20-25	5-10
	13-43	Extremely Gravelly Loam Very Gravelly Sandy Loam Very Gravelly Loam	GC GC-GM GP-GC	A-2	0	5-10	25-45	20-40	10-30	5-20	20-30	5-10
	43-55	Cemented	---	---	---	---	---	---	---	---	---	---
Hymas	0-3	Cobbly Loam	GM ML SM	A-4	0	15-35	70-95	70-90	55-70	40-65	20-30	NP-5
	3-12	Very Cobbly Loam Extremely Gravelly Loam Extremely Cobbly Loam	GC-GM GM	A-1 A-2 A-4	0-10	20-60	35-65	30-60	25-55	20-45	20-30	NP-10
	12-16	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
521:												
Soughe Variant	0-4	Gravelly Loam	CL SC	A-6	0	0-10	80-90	70-80	60-70	45-55	25-35	10-15
	4-19	Gravelly Clay	CH CL CL GC	A-7	0	0-10	60-80	50-70	45-65	40-60	45-60	20-30
	19-33 33-37	Weathered Bedrock Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
521:	In											
Pie Creek	0-8	Very Cobbly Loam	ML	A-4	0	40-50	85-95	60-90	55-80	50-60	25-30	NP-5
	8-15	Clay	CH	A-7	0	0	95-100	90-100	85-95	80-90	65-70	35-40
	15-23	Clay Loam	CL	A-7	0	0	95-100	90-100	80-90	70-80	45-50	20-25
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Singletree	0-15	Gravelly Loam	GM	A-4	0	0	65-75	60-75	55-70	40-50	25-35	NP-5
	15-35	Clay Loam	CL	A-6	0	0-15	70-80	60-80	50-70	40-60	30-40	10-15
		Gravelly Clay Loam	GC									
	35-57	Loam	SC									
		Gravelly Sandy Loam	SC	A-2	0	0-5	65-95	60-90	30-60	20-30	25-30	5-10
		Sandy Clay Loam	SC-SM									
		Sandy Loam										
	57-61	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cumulic Haplaquolls	0-11	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
525:												
Soughe	0-7	Very Gravelly Loam	GC-GM	A-1	0	0-10	40-60	30-50	25-35	20-35	20-30	NP-10
			GM	A-2								
	7-12	Very Gravelly Clay Loam	GC	A-2	0	0-15	35-65	25-55	15-25	10-20	35-40	15-20
		Very Gravelly Loam	SC									
		Very Gravelly Sandy Clay Loam										
	12-16	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Fortank	0-10	Gravelly Loam	GC-GM	A-2	0	0-10	60-85	55-75	40-60	30-50	20-30	5-10
			SC	A-4								
			SC-SM									
	10-35	Gravelly Clay Loam	CL	A-7	0	0-10	65-85	55-75	45-65	40-60	40-50	20-30
		Gravelly Clay	GC									
	35-39	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
			In									
525:												
Kodra Variant	0-6	Gravelly Loam	ML SM	A-4	0	0	80-90	60-75	55-70	45-55	15-25	NP-5
	6-18	Gravelly Loam	ML SM	A-4	0	0	80-90	60-75	55-70	45-55	15-25	NP-5
	18-19	Indurated	---	---	---	---	---	---	---	---	---	---
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
531:												
Granzan Variant	0-14	Very Gravelly Loam	GC GC-GM	A-2	0	0-10	40-55	35-50	25-40	20-35	20-25	5-10
	14-36	Very Gravelly Loam	GC GC-GM	A-2	0	0-10	40-55	35-50	25-40	20-35	20-25	5-10
	36-50	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	50-54	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Granzan	0-14	Very Gravelly Loam	GC GC-GM	A-2	0-10	0-25	40-65	30-60	25-40	20-35	25-35	5-15
	14-49	Very Gravelly Silt Loam Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	0-25	30-50	25-45	20-45	15-40	25-35	5-15
	49-53	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Highams Variant	0-7	Very Gravelly Loam	GM	A-2	0	10-25	45-60	40-55	35-50	25-35	15-25	NP-5
	7-15	Extremely Gravelly Very Fine Sandy Loam	GM GP-GM	A-1	0	25-30	20-40	15-35	10-35	5-20	15-25	NP-5
	15-43	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	43-47	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
550:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
550: Decram	0-10	Very Gravelly Loam	GC	A-2	0-5	5-15	40-55	30-45	25-40	20-35	25-35	10-15
	10-39	Very Cobbly Loam	GC	A-2	0-5	20-50	25-50	20-45	20-45	15-40	25-35	10-15
		Very Gravelly Loam		A-6								
		Extremely Gravelly Loam										
	39-43	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Decram Variant	0-14	Very Cobbly Loam	GC	A-2	0	30-40	55-65	50-60	35-50	30-45	25-30	5-10
	14-26	Extremely Gravelly Sandy Clay Loam	GC-GM	A-4	0	10-25	35-40	20-30	10-25	10-20	35-40	15-20
		Extremely Gravelly Clay Loam	GC	A-2	0							
	26-30	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Duff	0-7	Gravelly Loam	GC	A-4	0	0-10	60-80	55-75	40-55	40-50	25-30	5-10
			GC-GM									
	7-57	Gravelly Clay Loam	SC-SM		0	0-10	60-80	55-75	40-60	40-55	25-35	5-15
		Gravelly Loam	CL	A-4								
			CL-ML	A-6								
			GC									
	57-61	Unweathered Bedrock	GC-GM									
			---	---	---	---	---	---	---	---	---	---
551: Decram	0-10	Very Stony Loam	GC	A-2	15-30	0-30	40-55	30-45	25-40	20-35	25-35	10-15
	10-39	Very Gravelly Loam	GC	A-2	0-5	20-50	25-50	20-45	20-45	15-40	25-35	10-15
		Very Cobbly Loam		A-6								
		Extremely Gravelly Loam										
	39-43	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
551: Hapgood	0-12	Very Gravelly Loam	GC-GM GM	A-2	0	0	40-55	35-50	30-40	25-35	20-30	NP-10
	12-45	Very Gravelly Fine Sandy Loam	GC GC-GM	A-2	0	0-10	50-60	45-55	35-50	25-35	25-30	5-10
	45-49	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cumulic Cryaquolls	0-12	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
552: Decram	0-10	Very Stony Loam	GC	A-2	15-30	0-30	40-55	30-45	25-40	20-35	25-35	10-15
	10-39	Extremely Gravelly Loam Very Gravelly Loam Very Cobbly Loam	GC	A-2 A-6	0-5	20-50	25-50	20-45	20-45	15-40	25-35	10-15
	39-43	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hapgood	0-12	Very Gravelly Loam	GC-GM GM	A-2	0	0	40-55	35-50	30-40	25-35	20-30	NP-10
	12-45	Very Gravelly Fine Sandy Loam	GC GC-GM	A-2	0	0-10	50-60	45-55	35-50	25-35	25-30	5-10
	45-49	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Loncan	0-10	Gravelly Loam	CL GC	A-6	0	0-15	65-80	60-75	50-70	35-60	30-35	10-15
	10-35	Very Gravelly Loam Very Gravelly Sandy Clay Loam	GC	A-2	0-5	5-55	35-60	30-50	25-40	20-35	30-35	10-15
	35-39	Extremely Cobbly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cumulic Cryaquolls	0-12	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
553: Decram	0-10	Very Stony Loam	GC	A-2	15-30	0-30	40-55	30-45	25-40	20-35	25-35	10-15
	10-39	Very Cobbly Loam	GC	A-2	0-5	20-50	25-50	20-45	20-45	15-40	25-35	10-15
		Extremely Gravelly Loam		A-6								
		Very Gravelly Loam										
	39-43	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Winu	0-8	Gravelly Loam	CL-ML GC GC-GM	A-2 A-4	0	0	55-80	50-75	40-65	30-55	20-30	5-10
	8-32	Gravelly Clay Loam	GC	A-6	0	5-10	65-75	55-75	45-65	35-45	25-35	10-20
		Gravelly Sandy Clay Loam	SC									
		Gravelly Loam										
	32-36	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Chad	0-17	Cobbly Loam	CL-ML SC SC-SM	A-4	0	15-25	70-80	65-75	40-60	35-55	20-30	5-10
	17-42	Gravelly Clay Loam	CL	A-7	0	0-5	75-95	55-85	45-75	40-65	40-55	15-25
		Gravelly Clay	MH									
		Clay	ML SC SM									
	42-50	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cumulic Cryaquolls	0-12	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
561:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
561: Cherry Spring	0-5	Loam	ML	A-4	0	0	90-100	85-100	60-85	50-75	20-25	NP-5
	5-20	Loam	CL	A-4	0	0-5	90-100	80-95	75-90	65-75	25-40	5-20
		Silt Loam	CL-ML	A-6								
		Clay Loam										
	20-26	Cemented	---	---	---	---	---	---	---	---	---	---
	26-63	Stratified Sandy Loam To Extremely Gravelly Sandy Loam	GM	A-1	0	0-5	40-55	35-50	30-40	15-25	---	NP
Tomera	0-10	Loam	CL-ML ML	A-4	0	0	90-100	80-95	70-85	65-75	20-30	NP-10
	10-32	Gravelly Sandy Clay Gravelly Clay Clay	CH SC	A-7	0	0	70-85	55-80	45-75	35-60	50-65	25-35
	32-60	Very Cobbly Loam Very Gravelly Loamy Sand	GM	A-1	0	10-50	40-55	35-50	20-40	10-25	0-14	NP
565: Cherry Spring Variant	0-4	Fine Sandy Loam	SM	A-4	0	0	85-100	75-90	50-70	40-50	20-25	NP-5
	4-18	Gravelly Loam	GC	A-2	0	0	60-85	50-75	40-55	30-45	30-35	10-15
		Gravelly Clay Loam	SC	A-6								
	18-28	Indurated	---	---	---	---	---	---	---	---	---	---
	28-45	Cemented	---	---	---	---	---	---	---	---	---	---
Tomera	0-10	Loam	CL-ML ML	A-4	0	0	90-100	80-95	70-85	65-75	20-30	NP-10
	10-32	Clay Gravelly Sandy Clay Gravelly Clay	CH SC	A-7	0	0	70-85	55-80	45-75	35-60	50-65	25-35
	32-60	Very Gravelly Loamy Sand Very Cobbly Loam	GM	A-1	0	10-50	40-55	35-50	20-40	10-25	0-14	NP

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
565: Bregar	0-6	Very Cobbly Loam	CL CL-ML GC GC-GM	A-2 A-4 A-6	0	30-50	50-75	45-70	40-65	30-55	20-35	5-15
	6-11	Extremely Cobbly Sandy Clay Loam	GC	A-2	0-15	0-40	35-55	25-45	15-45	15-35	35-45	15-25
		Extremely Gravelly Loam										
		Very Gravelly Clay Loam										
	11-15	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
581: Tomera	0-10	Loam	CL-ML ML	A-4	0	0	90-100	80-95	70-85	65-75	20-30	NP-10
	10-32	Clay Gravelly Sandy Clay	CH SC	A-7	0	0	70-85	55-80	45-75	35-60	50-65	25-35
		Gravelly Clay										
	32-60	Very Cobbly Loam Very Gravelly Loamy Sand	GM	A-1	0	10-50	40-55	35-50	20-40	10-25	0-14	NP
590: Hayeston	0-4	Sandy Loam	SM	A-2 A-4	0	0	85-100	75-100	50-60	30-40	15-25	NP-5
	4-27	Sandy Loam Gravelly Fine Sandy Loam	GM SM	A-2 A-4	0	0	75-95	70-90	40-60	25-40	15-25	NP-5
		Fine Sandy Loam										
	27-60	Stratified Extremely Gravelly Sand To Very Gravelly Loamy Sand	GM GP-GM SM SP-SM	A-1	0	0	35-60	25-50	15-30	5-15	0-14	NP
600:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
600: Rubyhill	In											
	0-3	Sandy Loam	SM	A-2 A-4	0	0	95-100	75-90	55-70	30-40	15-25	NP-5
	3-21	Loam Clay Loam Gravelly Loam	CL GC SC	A-6	0	0	55-95	50-90	40-75	35-60	30-40	10-20
	21-60	Cemented	---	---	---	---	---	---	---	---	---	---
601: Rubyhill												
	0-3	Sandy Loam	SM	A-2 A-4	0	0	95-100	75-90	55-70	30-40	15-25	NP-5
	3-21	Gravelly Loam Clay Loam Loam	CL GC SC	A-6	0	0	55-95	50-90	40-75	35-60	30-40	10-20
	21-60	Cemented	---	---	---	---	---	---	---	---	---	---
Barrier												
	0-5	Fine Sandy Loam	ML SM	A-4	0	0	80-100	75-100	55-80	35-55	0-14	NP
	5-15	Loam Fine Sandy Loam Gravelly Sandy Loam	GM SM	A-2 A-4	0	0	65-95	60-90	40-70	25-50	0-14	NP
	15-45	Cemented	---	---	---	---	---	---	---	---	---	---
610: Needle Peak												
	0-4	Silt Loam	CL ML	A-6 A-7	0	0	100	100	95-100	80-90	30-45	10-15
	4-60	Silt Loam Silty Clay Loam	CL ML	A-6 A-7	0	0	100	100	95-100	80-95	30-50	10-20
620:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
620: Silverado	0-6	Sandy Loam	SM	A-4	0	0	95-100	90-100	70-80	40-50	20-25	NP-5
	6-14	Sandy Loam	SM	A-4	0	0	95-100	90-100	60-70	35-45	20-25	NP-5
	14-35	Sandy Loam	GM	A-1	0	0	60-90	55-85	40-50	15-25	15-25	NP-5
		Gravelly Sandy Loam	SM									
	35-60	Very Gravelly Coarse Sand	GP	A-1	0	0	40-50	35-45	10-20	0-5	0-14	NP
621: Silverado	0-6	Sandy Loam	SM	A-4	0	0	95-100	90-100	70-80	40-50	20-25	NP-5
	6-14	Sandy Loam	SM	A-4	0	0	95-100	90-100	60-70	35-45	20-25	NP-5
	14-35	Gravelly Sandy Loam	GM	A-1	0	0	60-90	55-85	40-50	15-25	15-25	NP-5
		Sandy Loam	SM									
	35-60	Very Gravelly Coarse Sand	GP	A-1	0	0	40-50	35-45	10-20	0-5	0-14	NP
630: Jesse Camp	0-10	Silt Loam	ML	A-4	0	0	100	100	90-100	65-80	25-35	NP-10
	10-60	Silt Loam	ML	A-4 A-6	0	0	100	100	95-100	75-85	30-40	5-15
641: Valcrest	0-10	Loam	CL	A-6	0	0	80-100	75-100	60-85	50-75	25-35	10-15
	10-29	Clay Loam	CL	A-7	0	0	80-100	75-100	65-90	60-75	40-50	15-20
		Clay	ML									
	29-60	Gravelly Sandy Loam	SC	A-2	0	0	80-95	75-90	45-60	20-45	20-30	5-10
		Sandy Loam	SC-SM	A-4								

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
641: Tomera	In											
	0-9	Gravelly Fine Sandy Loam	GC GC-GM SC-SM	A-2 A-4	0	0	55-80	50-75	40-60	25-50	20-30	5-10
	9-31	Gravelly Clay Clay	CH CL GC MH ML	A-7	0	0	60-95	55-90	50-80	45-75	45-65	20-30
	31-45	Very Gravelly Sandy Loam	GC GC-GM	A-2	0	25-30	45-55	35-50	30-45	15-25	20-30	5-10
	45-60	Indurated	---	---	---	---	---	---	---	---	---	---
651: Barrier	0-5	Cobbly Loam	ML SM	A-4	0	15-30	85-95	80-90	60-75	45-60	0-14	NP
	5-15	Fine Sandy Loam Gravelly Sandy Loam Loam	GM SM	A-2 A-4	0	0	65-95	60-90	40-70	25-50	0-14	NP
	15-45	Cemented	---	---	---	---	---	---	---	---	---	---
Kobeh	0-7	Gravelly Fine Sandy Loam	SM	A-1 A-2	0	0	70-80	55-70	45-60	20-35	0-14	NP
	7-24	Gravelly Fine Sandy Loam Gravelly Sandy Loam	SM	A-1 A-2	0	0	70-80	55-70	45-55	20-30	15-25	NP-5
	24-60	Very Gravelly Sand	GP	A-1	0	0	30-40	25-40	15-25	0-5	0-14	NP
	60-70	Stratified Very Gravelly Sand To Gravelly Fine	GM GP-GM SM SP-SM	A-1	0	0	40-65	35-50	25-45	5-20	0-14	NP
661:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
661: Akerue	In											
	0-6	Very Stony Loam	SC SC-SM	A-4	5-20	10-30	75-80	55-65	50-60	40-50	25-30	5-10
	6-18	Very Cobbly Clay Very Cobbly Clay Loam	CL GC SC	A-7	0-10	40-55	60-85	50-80	45-65	35-55	40-50	15-25
	18-20 20-24	Indurated Unweathered Bedrock	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---
Simpark	0-5	Very Stony Loam	SC SC-SM	A-2 A-4	10-15	15-25	65-80	50-70	45-60	25-40	20-25	5-10
	5-19	Very Gravelly Loam Very Cobbly Loam	GC SC	A-2 A-6	0	10-40	60-75	30-65	25-55	20-45	25-35	10-15
	19-20 20-24	Indurated Unweathered Bedrock	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---
Robson	0-10	Very Stony Loam	CL CL-ML SC SC-SM	A-4 A-6	10-15	5-15	70-95	65-90	50-80	35-55	25-35	5-15
	10-14 14-19	Very Cobbly Clay Loam Very Cobbly Clay	GC GC	A-7 A-7	0-5 10-20	30-40 40-60	55-75 60-70	50-60 50-65	40-60 40-55	35-50 35-50	40-45 45-55	15-20 20-25
	19-23	Extremely Cobbly Clay Unweathered Bedrock	GM ---	---	---	---	---	---	---	---	---	---
671: Whirlo	0-12	Gravelly Loam	GM ML	A-4	0	0	60-75	55-75	50-70	40-60	---	NP
	12-26	Very Gravelly Loam Very Gravelly Fine Sandy Loam	GM	A-1 A-2	0	0-10	45-55	35-50	30-40	15-35	---	NP
	26-60	Stratified Extremely Gravelly Coarse Sandy Loam To Very Gravelly	GP-GM GW-GM	A-1	0	0-15	40-50	20-35	10-25	5-10	---	NP

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
671:	In											
672: Whirlo	0-12	Gravelly Loam	GM ML	A-4	0	0	60-75	55-75	50-70	40-60	---	NP
	12-26	Very Gravelly Fine Sandy Loam	GM	A-1 A-2	0	0-10	45-55	35-50	30-40	15-35	---	NP
	26-60	Very Gravelly Loam Stratified Extremely Gravelly Coarse Sandy Loam To Very Gravelly	GP-GM GW-GM	A-1	0	0-15	40-50	20-35	10-25	5-10	---	NP
Creemon	0-5	Silt Loam	ML	A-4	0	0	100	100	95-100	85-90	---	NP
	5-11	Silt Loam	ML	A-4	0	0	100	100	95-100	85-90	25-30	NP-5
	11-60	Very Fine Sandy Loam Stratified Very Fine Sandy Loam To Silt Loam	ML	A-4	0	0	100	100	95-100	85-90	25-30	NP-5
681: Chad	0-17	Cobbly Loam	CL-ML SC SC-SM	A-4	0	15-25	70-80	65-75	40-60	35-55	20-30	5-10
	17-42	Clay Gravelly Clay Loam Gravelly Clay	CL MH ML SC SM	A-7	0	0-5	75-95	55-85	45-75	40-65	40-55	15-25
	42-50	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
681: Cleavage	In											
	0-7	Gravelly Loam	SC SC-SM	A-2 A-4 A-6	0	0-10	75-90	55-75	40-60	25-50	25-35	5-15
	7-14	Very Cobbly Clay Loam Very Gravelly Clay Loam Extremely Cobbly Sandy Clay Loam	GC	A-2	0	10-45	40-55	30-45	25-45	20-35	30-45	10-20
	14-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Softscrabble	0-20	Stony Fine Sandy Loam	CL-ML SC SC-SM	A-4	1-5	0-14	85-100	80-100	60-80	35-65	20-30	5-10
	20-38	Extremely Gravelly Clay Loam	GC	A-2	0-5	5-25	35-60	30-55	25-45	20-35	35-45	15-20
	38-60	Very Gravelly Clay Loam Very Gravelly Loam Very Gravelly Clay Loam Extremely Gravelly Loam	GC GM	A-2	0-5	5-25	35-60	30-55	25-45	20-35	30-40	5-15
682: Chad	0-17	Cobbly Loam	CL-ML SC SC-SM	A-4	0	15-25	70-80	65-75	40-60	35-55	20-30	5-10
	17-42	Clay Gravelly Clay Gravelly Clay Loam	CL MH ML SC SM	A-7	0	0-5	75-95	55-85	45-75	40-65	40-55	15-25
	42-50	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
682: Gando	0-5	Stony Loam	SM	A-4	1-5	5-10	80-90	75-85	50-60	40-50	20-25	NP-5
	5-15	Extremely Gravelly Loam	GM	A-1	0	10-25	30-45	25-40	20-35	15-30	20-25	NP-5
		Very Gravelly Loam		A-2								
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Softscrabble	0-20	Stony Fine Sandy Loam	CL-ML SC	A-4	1-5	0-14	85-100	80-100	60-80	35-65	20-30	5-10
	20-38	Extremely Gravelly Clay Loam	SC-SM GC	A-2	0-5	5-25	35-60	30-55	25-45	20-35	35-45	15-20
	38-60	Very Gravelly Clay Loam										
		Extremely Gravelly Loam	GC	A-2	0-5	5-25	35-60	30-55	25-45	20-35	30-40	5-15
		Very Gravelly Loam	GM									
		Very Gravelly Clay Loam										
Welch	0-13	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
	13-60	Stratified Sandy Loam To Silty Clay Loam	CL	A-6	0	0	80-100	75-100	65-90	50-70	30-40	10-20
691: Ravenswood	0-8	Extremely Stony Loam	SC SC-SM	A-2 A-4	25-40	5-15	65-80	55-70	45-60	30-45	25-30	5-10
	8-13	Very Gravelly Clay Loam	GC	A-2	0-5	5-15	45-60	35-50	30-45	20-35	40-50	15-25
	13-35	Very Gravelly Clay	GC	A-2	0-5	5-15	45-60	35-50	30-45	25-40	40-55	20-30
		Very Gravelly Clay Loam		A-7								
	35-39	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
691: Shagnasty	In											
	0-12	Extremely Stony Loam	SC SC-SM	A-4 A-6	35-50	5-10	70-85	55-70	50-65	35-50	25-35	5-15
	12-36	Clay Clay Loam	CH CL	A-7	0	5-10	90-100	85-95	75-90	60-75	40-60	20-35
	36-59	Cobbly Clay Loam Cobbly Silty Clay Loam	CH CL MH ML	A-7	0	15-25	70-90	65-85	55-80	50-70	40-55	15-25
	59-63	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Walti	0-5	Extremely Stony Loam	GC-GM GM	A-1 A-2	25-50	0-10	40-55	35-45	30-40	20-30	20-30	NP-10
	5-9	Clay Loam Gravelly Clay Loam	CL	A-6	0	0-10	80-95	75-90	60-80	50-65	35-40	15-20
	9-22	Gravelly Clay Clay	CH MH	A-7	0	0-10	80-95	75-90	60-80	50-75	55-65	25-35
	22-26	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
701: Loncan	0-10	Gravelly Loam	CL GC	A-6	0	0-15	65-80	60-75	50-70	35-60	30-35	10-15
	10-35	Very Gravelly Loam Extremely Cobbly Loam Very Gravelly Sandy Clay Loam	GC	A-2	0-5	5-55	35-60	30-50	25-40	20-35	30-35	10-15
	35-39	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Gando	0-5	Stony Loam	SM	A-4	1-5	5-10	80-90	75-85	50-60	40-50	20-25	NP-5
	5-15	Extremely Gravelly Loam Very Gravelly Loam	GM	A-1 A-2	0	10-25	30-45	25-40	20-35	15-30	20-25	NP-5
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
701: Glean	0-14	Very Gravelly Loam	GM	A-1 A-2	0	0-10	30-55	25-50	20-40	10-30	20-30	NP-5
	14-56	Very Gravelly Sandy Loam	GM	A-1 A-2	0-5	0-25	30-65	25-60	20-50	10-35	20-30	NP-5
	56-60	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch	0-13	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
	13-60	Stratified Sandy Loam To Silty Clay Loam	CL	A-6	0	0	80-100	75-100	65-90	50-70	30-40	10-20
711: Singletree Variant	0-6	Fine Sandy Loam	CL-ML ML SC-SM SM	A-4	0	0	80-100	75-100	60-80	40-70	20-30	NP-10
	6-26	Loam Silty Clay Loam Clay Loam	CL	A-6	0	0	80-100	75-100	65-90	50-85	25-40	10-20
	26-60	Stratified Very Gravelly Sandy Loam To Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	0	45-70	40-65	30-50	25-45	25-35	5-15
Boulder Lake	0-6	Silty Clay	CH	A-7	0	0	100	100	90-100	80-95	60-70	45-55
	6-60	Silty Clay Clay	CH	A-7	0	0	100	100	90-100	80-95	60-70	45-55
Boulder Lake	0-6	Silty Clay	CH	A-7	0	0	100	100	90-100	80-95	60-70	45-55
	6-60	Clay Silty Clay	CH	A-7	0	0	100	100	90-100	80-95	60-70	45-55
721:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
721: Paranat	0-3	Silt Loam	ML	A-4	0	0	100	100	90-100	85-95	25-35	NP-10
	3-60	Stratified Silt Loam To Silty Clay Loam	CL ML	A-4 A-6	0	0	100	100	90-100	85-95	30-40	5-15
731: Ados Variant	0-5	Fine Sandy Loam	ML SM	A-4	0	0	85-100	75-100	60-85	35-60	15-25	NP-5
	5-23	Very Gravelly Loam	GM	A-1	0-5	0-25	45-60	35-50	30-45	20-35	15-25	NP-5
		Very Gravelly Sandy Loam		A-2								
	23-37	Indurated	---	---	---	---	---	---	---	---	---	---
	37-60	Stratified Extremely Gravelly Loamy Sand To Gravelly Loam	GM SM	A-1 A-2	0	0-10	55-80	50-75	40-50	20-30	15-25	NP-5
Pie Creek Variant	0-3	Gravelly Fine Sandy Loam	GC-GM GM SC-SM SM	A-2 A-4	0	0	60-85	50-75	35-60	25-40	20-30	NP-10
	3-10	Gravelly Loam	CL CL-ML GC GC-GM	A-4 A-6	0	0	60-85	50-75	40-65	35-55	25-35	5-15
	10-25	Very Gravelly Clay Loam	GC	A-2	0	0	45-60	35-50	35-45	20-40	30-40	10-20
		Very Gravelly Loam		A-6								
	25-32	Indurated	---	---	---	---	---	---	---	---	---	---
Jesse Camp	0-10	Silt Loam	ML	A-4	0	0	100	100	90-100	65-80	25-35	NP-10
	10-60	Silt Loam	ML	A-4 A-6	0	0	100	100	95-100	75-85	30-40	5-15

741:

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
741: Creemon	In											
	0-5	Silt Loam	ML	A-4	0	0	100	100	95-100	85-90	---	NP
	5-11	Silt Loam	ML	A-4	0	0	100	100	95-100	85-90	25-30	NP-5
	11-60	Very Fine Sandy Loam Stratified Very Fine Sandy Loam To Silt Loam	ML	A-4	0	0	100	100	95-100	85-90	25-30	NP-5
Relley	0-4	Silt Loam	CL CL-ML	A-4	0	0	100	100	95-100	75-95	25-35	5-10
	4-14	Silt Loam	ML CL CL-ML	A-4	0	0	100	100	95-100	85-95	25-35	5-10
	14-51	Stratified Very Fine Sandy Loam To Silty Clay Loam	ML CL CL-ML	A-4	0	0	95-100	95-100	95-100	75-90	25-35	5-10
	51-60	Coarse Sandy Loam	ML SM	A-1 A-2	0	0	90-100	75-85	30-50	20-35	15-25	NP-5
762: Shagnasty	0-12	Extremely Stony Loam	SC SC-SM	A-4 A-6	35-50	5-10	70-85	55-70	50-65	35-50	25-35	5-15
	12-36	Clay Loam	CH	A-7	0	5-10	90-100	85-95	75-90	60-75	40-60	20-35
	36-59	Clay Cobbly Clay Loam Cobbly Silty Clay Loam	CL CH CL MH ML	A-7	0	15-25	70-90	65-85	55-80	50-70	40-55	15-25
	59-63	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
762: Softscrabble	0-20	Very Stony Fine Sandy	GC	A-2	5-15	10-45	40-60	35-55	30-50	15-30	20-30	5-10
	20-38	Very Gravelly Clay Loam Extremely Gravelly Clay Loam	GC-GM GC	A-2	0-5	5-25	35-60	30-55	25-45	20-35	35-45	15-20
	38-60	Extremely Gravelly Loam Very Gravelly Clay Loam Very Gravelly Loam	GC GM	A-2	0-5	5-25	35-60	30-55	25-45	20-35	30-40	5-15
Welch	0-13	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
	13-60	Stratified Sandy Loam To Silty Clay Loam	CL	A-6	0	0	80-100	75-100	65-90	50-70	30-40	10-20
764: Shagnasty	0-12	Extremely Stony Loam	SC	A-4	35-50	5-10	70-85	55-70	50-65	35-50	25-35	5-15
	12-36	Clay	SC-SM CH	A-6 A-7	0	5-10	90-100	85-95	75-90	60-75	40-60	20-35
	36-59	Clay Loam Cobbly Silty Clay Loam Cobbly Clay Loam	CL CH CL MH ML	A-7	0	15-25	70-90	65-85	55-80	50-70	40-55	15-25
	59-63	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ravenswood	0-8	Extremely Stony Loam	SC	A-2	25-40	5-15	65-80	55-70	45-60	30-45	25-30	5-10
	8-35	Very Gravelly Clay Loam	SC-SM GC	A-4 A-2	0-5	5-15	45-60	35-50	30-45	20-35	40-50	15-25
	35-39	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
770:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
770: Welch	0-13	Loam	ML	A-4	0	0	85-95	75-90	70-80	50-60	25-30	NP-5
	13-60	Stratified Very Fine Sandy Loam To Gravelly Clay	CL	A-6	0	0	85-95	75-90	70-80	50-60	30-40	10-20
Welch	0-13	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
	13-60	Stratified Sandy Loam To Silty Clay Loam	CL	A-6	0	0	80-100	75-100	65-90	50-70	30-40	10-20
771: Welch	0-13	Gravelly Silt Loam	GM	A-2	0	0	55-80	50-75	40-65	30-55	25-30	NP-5
	13-60	Stratified Very Fine Sandy Loam To Gravelly Clay	ML CL	A-4 A-6	0	0	85-95	75-90	70-80	50-60	30-40	10-20
772: Welch	0-13	Silt Loam	CL	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
	13-60	Stratified Sandy Loam To Silty Clay Loam	CL-ML CL	A-4 A-6	0	0	80-100	75-100	65-90	50-70	30-40	10-20
781: Walti	0-5	Extremely Stony Loam	GC-GM	A-1	25-50	0-10	40-55	35-45	30-40	20-30	20-30	NP-10
	5-9	Gravelly Clay Loam	GM	A-2								
		Clay Loam	CL	A-6	0	0-10	80-95	75-90	60-80	50-65	35-40	15-20
	9-22	Gravelly Clay	CH	A-7	0	0-10	80-95	75-90	60-80	50-75	55-65	25-35
		Clay	MH									
	22-26	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
781: Softscrabble	In											
	0-20	Very Stony Fine Sandy	GC GC-GM	A-2	5-15	10-45	40-60	35-55	30-50	15-30	20-30	5-10
	20-38	Very Gravelly Clay Loam Extremely Gravelly Clay Loam	GC	A-2	0-5	5-25	35-60	30-55	25-45	20-35	35-45	15-20
	38-60	Very Gravelly Clay Loam Extremely Gravelly Loam Very Gravelly Loam	GC GM	A-2	0-5	5-25	35-60	30-55	25-45	20-35	30-40	5-15
Chad	0-17	Cobbly Loam	CL-ML SC SC-SM	A-4	0	15-25	70-80	65-75	40-60	35-55	20-30	5-10
	17-42	Clay Gravelly Clay Loam Gravelly Clay	CL MH ML SC SM	A-7	0	0-5	75-95	55-85	45-75	40-65	40-55	15-25
	42-50	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
782: Walti	0-5	Extremely Stony Loam	GC-GM GM	A-1 A-2	25-50	0-10	40-55	35-45	30-40	20-30	20-30	NP-10
	5-9	Clay Loam Gravelly Clay Loam	CL	A-6	0	0-10	80-95	75-90	60-80	50-65	35-40	15-20
	9-22	Clay Gravelly Clay	CH MH	A-7	0	0-10	80-95	75-90	60-80	50-75	55-65	25-35
	22-26	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
782: Softscrabble	In											
	0-20	Very Stony Fine Sandy	GC GC-GM	A-2	5-15	10-45	40-60	35-55	30-50	15-30	20-30	5-10
	20-38	Very Gravelly Clay Loam Extremely Gravelly Clay Loam	GC	A-2	0-5	5-25	35-60	30-55	25-45	20-35	35-45	15-20
	38-60	Extremely Gravelly Loam Very Gravelly Clay Loam Very Gravelly Loam	GC GM	A-2	0-5	5-25	35-60	30-55	25-45	20-35	30-40	5-15
Robson	0-10	Very Stony Loam	CL CL-ML SC SC-SM	A-4 A-6	10-15	5-15	70-95	65-90	50-80	35-55	25-35	5-15
	10-14	Very Cobbly Clay Loam	GC	A-7	0-5	30-40	55-75	50-60	40-60	35-50	40-45	15-20
	14-19	Extremely Cobbly Clay Very Cobbly Clay	GC GM	A-7	10-20	40-60	60-70	50-65	40-55	35-50	45-55	20-25
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
783: Walti	0-5	Extremely Stony Loam	GC-GM GM	A-1 A-2	25-50	0-10	40-55	35-45	30-40	20-30	20-30	NP-10
	5-9	Gravelly Clay Loam Clay Loam	CL	A-6	0	0-10	80-95	75-90	60-80	50-65	35-40	15-20
	9-22	Gravelly Clay Clay	CH MH	A-7	0	0-10	80-95	75-90	60-80	50-75	55-65	25-35
	22-26	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Glean	0-14	Very Stony Loam	GM SM	A-2	10-15	10-20	55-70	50-65	40-55	25-35	20-30	NP-5
	14-56	Very Gravelly Sandy Loam Very Gravelly Loam	GM	A-1 A-2	0	0-25	30-65	25-60	20-50	15-30	20-30	NP-5
	56-60	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
801: Freznik	0-3	Stony Clay Loam	CL SC	A-6	1-5	10-15	70-90	60-85	45-70	40-60	35-40	15-20
	3-21	Gravelly Clay	CH GC	A-7	0	0-10	65-85	55-75	50-65	40-60	50-65	25-40
	21-36	Gravelly Clay	CH GC	A-7	0	0-10	65-85	55-75	50-65	40-60	50-65	25-40
	36-40	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Quarz	0-5	Cobbly Loam	CL	A-6	0	40-45	85-95	80-90	60-70	50-60	25-35	10-15
	5-30	Very Gravelly Clay Loam Very Gravelly Clay	GC	A-2 A-7	0-10	0-25	30-55	25-50	20-45	15-40	45-60	20-30
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Jivas	0-12	Gravelly Loam	CL-ML GC	A-4	0	0	55-80	50-75	45-70	35-60	20-30	5-10
	12-45	Extremely Gravelly Loam Extremely Gravelly Sandy Clay Loam Extremely Gravelly Clay Loam	GC-GM GC GP-GC	A-2	0	0-10	20-35	15-30	10-25	5-20	30-40	10-15
	45-49	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
802: Freznik	0-3	Very Stony Clay Loam	CL GC	A-6	5-25	20-30	65-80	55-70	40-65	35-55	35-40	15-20
	3-21	Gravelly Clay	CH GC	A-7	0	0-10	65-85	55-75	50-65	40-60	50-65	25-40
	21-36	Gravelly Clay	CH GC	A-7	0	0-10	65-85	55-75	50-65	40-60	50-65	25-40
	36-40	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
802: Whitepeak	0-3	Very Stony Loam	CL CL-ML SC SC-SM	A-4 A-6	10-20	0-20	85-95	60-80	40-60	40-55	25-35	5-15
	3-23	Very Cobbly Clay Extremely Stony Clay	CH GC MH SC	A-2 A-7	20-65	0-55	50-75	35-65	30-60	25-55	55-65	25-35
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Whitepeak	0-3	Very Stony Loam	CL CL-ML SC SC-SM	A-4 A-6	10-20	0-20	85-95	60-80	40-60	40-55	25-35	5-15
	3-23	Very Cobbly Clay Extremely Stony Clay	CH GC MH SC	A-2 A-7	20-65	0-55	50-75	35-65	30-60	25-55	55-65	25-35
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
811: Quarz	0-5	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-35	10-15
	5-30	Very Gravelly Clay Loam Very Gravelly Clay	GC	A-2 A-7	0	0-25	30-55	25-50	20-45	15-40	45-60	20-30
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Highams	0-5	Very Gravelly Loam	GC GC-GM	A-2	0	0	50-60	40-50	30-40	25-35	25-35	5-15
	5-13	Very Gravelly Loam Very Cobbly Loam	GC GC-GM	A-2 A-4 A-6	0	0-40	35-60	25-50	20-45	15-40	25-35	5-15
	13-17	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
811: Atrypa Variant	0-16	Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	0	60-70	50-60	30-50	30-45	25-35	5-15
	16-21	Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	0	60-70	50-60	30-50	30-45	25-35	5-15
	21-25	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
812: Quarz	0-5	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-35	10-15
	5-30	Very Gravelly Clay	GC	A-2	0	0-25	30-55	25-50	20-45	15-40	45-60	20-30
	30-34	Very Gravelly Clay Loam Unweathered Bedrock	---	A-7 ---	---	---	---	---	---	---	---	---
Bregar	0-6	Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	10-20	55-70	40-55	35-50	25-40	25-35	5-15
	6-11	Very Gravelly Clay Loam Extremely Cobbly Clay Very Gravelly Sandy Clay Loam	GC	A-2	0-15	0-40	35-55	25-45	20-30	10-25	35-45	15-25
	11-15	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Duff	0-7	Gravelly Loam	GC GC-GM SC-SM	A-4	0	0-10	60-80	55-75	40-55	40-50	25-30	5-10
	7-57	Gravelly Clay Loam Gravelly Loam	CL CL-ML GC GC-GM	A-4 A-6	0	0-10	60-80	55-75	40-60	40-55	25-35	5-15
	57-61	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
813:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
813: Quarz	In											
	0-5	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-35	10-15
	5-30	Very Gravelly Clay Loam	GC	A-2	0	0-25	30-55	25-50	20-45	15-40	45-60	20-30
		Very Gravelly Clay		A-7								
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Chen	0-9	Gravelly Loam	CL CL-ML SC SC-SM	A-4 A-6	0	0-10	75-85	60-70	55-65	45-55	25-35	5-15
	9-17	Very Cobbly Clay Very Gravelly Clay	GC	A-2	0	15-45	35-60	30-55	25-40	25-35	45-60	20-30
	17-21	Extremely Gravelly Clay Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Duff	0-7	Gravelly Loam	GC GC-GM SC-SM	A-4	0	0-10	60-80	55-75	40-55	40-50	25-30	5-10
	7-57	Gravelly Loam Gravelly Clay Loam	CL CL-ML GC GC-GM	A-4 A-6	0	0-10	60-80	55-75	40-60	40-55	25-35	5-15
	57-61	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
814: Quarz	0-5	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-35	10-15
	5-30	Very Gravelly Clay	GC	A-2	0	0-25	30-55	25-50	20-45	15-40	45-60	20-30
		Very Gravelly Clay Loam		A-7								
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Quarz	0-5	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-35	10-15
	5-30	Very Gravelly Clay	GC	A-2	0	0-25	30-55	25-50	20-45	15-40	45-60	20-30
		Very Gravelly Clay Loam		A-7								
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
814:	In											
Duff	0-7	Gravelly Loam	GC GC-GM SC-SM	A-4	0	0-10	60-80	55-75	40-55	40-50	25-30	5-10
	7-57	Gravelly Clay Loam Gravelly Loam	CL CL-ML GC GC-GM	A-4 A-6	0	0-10	60-80	55-75	40-60	40-55	25-35	5-15
	57-61	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
821: Enko	0-6	Loam	CL CL-ML	A-4	0	0	95-100	85-100	75-100	50-70	20-30	5-10
	6-20	Sandy Loam Fine Sandy Loam Loam	CL CL-ML SC-SM	A-4	0	0	95-100	85-100	75-90	40-65	20-25	5-10
	20-36	Sandy Loam Fine Sandy Loam Loam	CL-ML SC SC-SM	A-2 A-4	0	0	85-100	75-100	60-90	30-65	20-25	5-10
	36-63	Loam Sandy Loam Fine Sandy Loam	CL-ML SC SC-SM	A-2 A-4	0	0	85-100	75-100	60-90	30-65	20-25	5-10
822:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
822: Enko	In											
	0-6	Loam	CL CL-ML	A-4	0	0	95-100	85-100	75-100	50-70	20-30	5-10
	6-20	Fine Sandy Loam Sandy Loam Loam	CL CL-ML SC-SM	A-4	0	0	95-100	85-100	75-90	40-65	20-25	5-10
	20-36	Fine Sandy Loam Sandy Loam Loam	CL-ML SC SC-SM	A-2 A-4	0	0	85-100	75-100	60-90	30-65	20-25	5-10
	36-63	Sandy Loam Fine Sandy Loam Loam	CL-ML SC SC-SM	A-2 A-4	0	0	85-100	75-100	60-90	30-65	20-25	5-10
Davey	0-6	Sandy Loam	ML SM	A-4	0	0	95-100	90-100	65-85	45-55	0-14	NP
	6-18	Gravelly Sandy Loam Loam Sandy Loam	ML SM	A-2 A-4	0	0	65-90	60-85	50-70	30-55	15-25	NP-5
	18-60	Stratified Gravelly Sand To Loamy Sand	SM	A-1 A-2	0	0-5	85-95	75-85	40-60	20-35	0-14	NP
Mcconnel	0-13	Loam	ML	A-4	0	0	95-100	85-95	70-80	50-60	15-25	NP-5
	13-60	Stratified Extremely Gravelly Coarse Sand To Very Gravelly Sandy Loam	GP	A-1	0	0-15	25-35	10-35	5-15	0-5	0-14	NP
823:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
823: Enko	0-6	Loam	CL CL-ML	A-4	0	0	95-100	85-100	75-100	50-70	20-30	5-10
	6-20	Sandy Loam Loam	CL CL-ML	A-4	0	0	95-100	85-100	75-90	40-65	20-25	5-10
	20-36	Fine Sandy Loam Loam	SC-SM CL-ML	A-2	0	0	85-100	75-100	60-90	30-65	20-25	5-10
	36-63	Fine Sandy Loam Sandy Loam	SC SC-SM	A-4								
		Loam	CL-ML	A-2	0	0	85-100	75-100	60-90	30-65	20-25	5-10
		Fine Sandy Loam Sandy Loam	SC SC-SM	A-4								
		Loam	CL-ML	A-2	0	0	85-100	75-100	60-90	30-65	20-25	5-10
		Fine Sandy Loam Sandy Loam	SC SC-SM	A-4								
		Loam	CL-ML	A-2	0	0	85-100	75-100	60-90	30-65	20-25	5-10
		Fine Sandy Loam Sandy Loam	SC SC-SM	A-4								
Puett	0-5	Fine Sandy Loam	SM	A-4	0	0	90-100	85-95	60-80	35-50	---	NP
	5-17	Fine Sandy Loam Coarse Sandy Loam	ML SM	A-1 A-2	0	0	80-100	75-95	40-80	15-55	---	NP
		Sandy Loam	SM	A-4								
	17-21	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
830: Atrypa	0-10	Gravelly Loam	CL CL-ML GC-GM	A-4	0	0-15	70-85	60-75	60-70	45-60	25-35	5-10
			GM ML									
	10-14	Gravelly Loam Loam	CL CL-ML	A-4	0	0	55-90	50-85	40-85	35-70	25-35	5-10
			GC-GM GM									
			ML									
	14-18	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
831:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
831: Atrypa	0-10	Gravelly Loam	CL CL-ML GC-GM GM ML	A-4	0	0-15	70-85	60-75	60-70	45-60	25-35	5-10
	10-14	Gravelly Loam Loam	CL CL-ML GC-GM GM ML	A-4	0	0	55-90	50-85	40-85	35-70	25-35	5-10
	14-18	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Mau	0-4	Gravelly Loam	CL CL-ML GC GC-GM	A-2 A-4 A-6	0	0-5	55-80	50-75	40-60	30-55	20-35	5-15
	4-24	Very Gravelly Clay Very Gravelly Clay Loam	GC	A-2	0	0-10	35-65	25-45	20-40	15-35	40-55	20-30
	24-34	Extremely Gravelly Clay Loam	GC GP-GC	A-2	0	0-10	15-50	10-45	5-40	5-30	35-50	15-25
	34-38	Very Gravelly Clay Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
841: Kodra	0-5	Loam	CL CL-ML	A-4	0	0	85-100	75-100	65-80	55-65	20-30	5-10
	5-28	Sandy Loam Loam	CL-ML SC SC-SM	A-2 A-4	0	0	85-100	75-100	55-80	30-60	20-25	5-10
	28-48	Cemented	---	---	---	---	---	---	---	---	---	---
	48-60	Stratified Sand To Silt Loam	CL CL-ML SC-SM	A-4	0	0	85-100	75-100	65-80	45-60	20-30	5-10

Distribution Generation Date: 6/27/02

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Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
841:	In											
851: Glean	0-14	Very Gravelly Loam	GM	A-1 A-2	0	0-10	30-55	25-50	20-40	10-30	20-30	NP-5
	14-56	Very Gravelly Loam Very Gravelly Sandy Loam	GM	A-1 A-2	0-5	0-25	30-65	25-60	20-50	10-35	20-30	NP-5
	56-60	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Gando	0-5	Extremely Stony Loam	SM	A-2 A-4	30-35	0-5	65-75	60-70	40-50	30-40	20-25	NP-5
	5-15	Extremely Gravelly Loam Very Gravelly Loam	GM	A-1 A-2	0	10-25	30-45	25-40	20-35	15-30	20-25	NP-5
	15-19	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Welch	0-13	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
	13-60	Stratified Sandy Loam To Silty Clay Loam	CL	A-6	0	0	80-100	75-100	65-90	50-70	30-40	10-20
861: Zineb	0-6	Gravelly Loam	CL-ML SC	A-4	0	0-10	70-90	55-75	50-70	35-55	20-30	5-10
	6-13	Gravelly Very Fine Sandy Loam	SC-SM CL-ML SC	A-4	0	0-10	70-90	55-75	50-70	35-55	20-30	5-10
	13-19	Gravelly Loam Very Gravelly Loam Very Gravelly Sandy Loam	SC-SM GM	A-1	0	0-10	30-60	25-55	20-45	10-25	15-25	NP-5
	19-27	Extremely Cobbly Sandy Loam	GM GP-GM	A-1	0	50-75	20-50	15-45	10-30	5-20	15-25	NP-5
	27-60	Extremely Cobbly Coarse Sand Extremely Cobbly Loamy Coarse Sand	GP GP-GM	A-1	0	50-75	20-50	15-45	5-25	0-10	0-14	NP

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
861:	In										Pct	
870: Fortank	0-10	Very Stony Loam	GC GC-GM SC-SM	A-2 A-4	15-25	5-10	65-75	60-70	50-60	30-50	20-30	5-10
	10-35	Gravelly Clay Loam Gravelly Clay	CL GC	A-7	0	0-10	65-85	55-75	45-65	40-60	40-50	20-30
	35-39	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
871: Fortank	0-10	Gravelly Loam	GC-GM SC SC-SM	A-2 A-4	0	0-10	60-85	55-75	40-60	30-50	20-30	5-10
	10-35	Gravelly Clay Loam Gravelly Clay	CL GC	A-7	0	0-10	65-85	55-75	45-65	40-60	40-50	20-30
	35-39	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Fortank	0-10	Gravelly Loam	GC-GM SC SC-SM	A-2 A-4	0	0-10	60-85	55-75	40-60	30-50	20-30	5-10
	10-35	Gravelly Clay Loam Gravelly Clay	CL GC	A-7	0	0-10	65-85	55-75	45-65	40-60	40-50	20-30
	35-39	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
881: Batan	0-4	Silt Loam	ML	A-4	0	0	100	100	95-100	85-95	30-35	5-10
	4-60	Stratified Fine Sandy Loam To Silty Clay	CL	A-6	0	0	100	100	95-100	85-95	30-40	15-25
Ocala	0-14	Silty Clay Loam	CL ML	A-7	0	0	100	100	90-100	80-90	40-50	15-20
	14-60	Silt Loam Silty Clay Loam	CL ML	A-6 A-7	0	0	100	100	95-100	85-95	30-50	10-20

Distribution Generation Date: 6/27/02

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Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
881:	In											
Ocala	0-3	Silty Clay Loam	CL ML	A-7	0	0	100	100	95-100	85-95	40-50	15-20
	3-14	Silt Loam	CL	A-6	0	0	100	100	95-100	85-95	30-50	10-20
		Silty Clay Loam	ML	A-7								
	14-60	Silty Clay Loam Silt Loam	CL ML	A-6 A-7	0	0	90-100	90-100	90-95	85-90	30-50	10-20
Playas	0-6	Silty Clay	MH	A-7	0	0	100	100	100	90-100	50-80	20-40
	6-60	Silty Clay	CH	A-7	0	0	100	100	100	90-100	45-75	20-40
		Clay	CL									
		Silty Clay Loam	MH									
883:												
Batan	0-4	Silt Loam	ML	A-4	0	0	100	100	95-100	85-95	30-35	5-10
	4-60	Stratified Fine Sandy Loam To Silty Clay	CL	A-6	0	0	100	100	95-100	85-95	30-40	15-25
891:												
Whitepeak	0-3	Very Stony Loam	CL CL-ML SC SC-SM	A-4 A-6	10-20	0-20	85-95	60-80	40-60	40-55	25-35	5-15
	3-23	Extremely Stony Clay Very Cobbly Clay	CH GC MH SC	A-2 A-7	20-65	0-55	50-75	35-65	30-60	25-55	55-65	25-35
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Quarz	0-5	Stony Loam	CL	A-6	1-5	20-25	85-95	80-90	60-70	50-60	25-35	10-15
	5-30	Very Gravelly Clay Very Gravelly Clay Loam	GC	A-2 A-7	0-10	0-25	30-55	25-50	20-45	15-40	45-60	20-30
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
891:	In											
Softscrabble	0-8	Loam	CL	A-4	0	0	80-100	75-100	60-80	50-70	20-30	5-10
	8-14	Gravelly Loam	CL-ML CL-ML GC GC-GM	A-4	0	0-10	55-80	50-75	40-70	35-55	20-30	5-10
	14-60	Very Gravelly Clay Loam Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-35	10-15
901:												
Tenabo	0-5	Gravelly Very Fine Sandy Loam	GM SM	A-2 A-4	0	0-5	60-70	50-60	45-55	25-40	0-14	NP
	5-17	Silty Clay Loam Clay Loam Gravelly Clay Loam	CL	A-6	0	0	95-100	70-90	60-90	50-80	30-40	10-20
	17-31	Indurated	---	---	---	---	---	---	---	---	---	---
	31-50	Stratified Extremely Gravelly Coarse Sand To Very Gravelly Sandy Loam	GM GP-GM	A-1	0	5-25	40-60	35-55	25-35	5-20	0-14	NP
Ricert	0-5	Gravelly Silt Loam	SC SC-SM	A-4	0	0	75-85	55-75	40-55	35-50	20-30	5-10
	5-14	Clay Loam	CL	A-6	0	0	90-100	85-100	80-90	70-80	35-45	15-20
	14-20	Loam Loam Clay Loam Silt Loam	CL	A-7 A-6	0	0-5	85-100	80-95	60-75	50-70	30-40	10-15
	20-60	Very Gravelly Loamy Sand Extremely Gravelly Loamy Sand Very Gravelly Sandy Loam	GM GP-GM	A-1	0	0-15	30-60	20-50	15-35	5-25	0-14	NP
922:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
922: Handy	In											
	0-9	Loam	CL CL-ML ML	A-4 A-6	0	0-5	90-100	85-100	70-85	60-75	20-35	NP-15
	9-21	Gravelly Clay	CH CL	A-7	0	0-5	70-100	60-100	60-75	50-70	45-55	30-35
	21-60	Stratified Very Gravelly Loamy Sand To Gravelly Loam	GM	A-1 A-2	0	0-5	35-65	30-60	20-55	10-35	15-25	NP-5
923: Handy	0-9	Loam	CL CL-ML ML	A-4 A-6	0	0-5	90-100	85-100	70-85	60-75	20-35	NP-15
	9-21	Gravelly Clay	CH CL	A-7	0	0-5	70-100	60-100	60-75	50-70	45-55	30-35
	21-60	Stratified Very Gravelly Loamy Sand To Gravelly Loam	GM	A-1 A-2	0	0-5	35-65	30-60	20-55	10-35	15-25	NP-5
Rubyhill	0-3	Sandy Loam	SM	A-2 A-4	0	0	95-100	75-90	55-70	30-40	15-25	NP-5
	3-21	Loam Gravelly Loam Clay Loam	CL GC SC	A-6	0	0	55-95	50-90	40-75	35-60	30-40	10-20
	21-60	Cemented	---	---	---	---	---	---	---	---	---	---
941:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
941: Short Creek	0-4	Gravelly Clay Loam	GC SC	A-6	0	0-15	60-80	50-75	45-65	35-50	35-40	20-25
	4-38	Very Gravelly Clay	GC	A-2 A-7	0	0-10	45-55	35-50	35-45	30-40	50-55	35-40
	38-60	Extremely Gravelly Clay Loam Extremely Gravelly Sandy Clay Loam Extremely Gravelly Sandy Clay	GC GP-GC GW-GC	A-2	0	0-15	30-35	15-25	15-20	5-15	35-45	20-30
Short Creek	0-4	Gravelly Clay Loam	GC SC	A-6	0	0-15	60-80	50-75	45-65	35-50	35-40	20-25
	4-38	Very Gravelly Clay	GC	A-2 A-7	0	0-10	45-55	35-50	35-45	30-40	50-55	35-40
	38-60	Extremely Gravelly Sandy Clay Loam Extremely Gravelly Clay Loam Extremely Gravelly Sandy Clay	GC GP-GC GW-GC	A-2	0	0-15	30-35	15-25	15-20	5-15	35-45	20-30
951: Donna	0-10	Gravelly Loam	CL	A-6	0	0	65-75	60-75	55-70	50-60	30-40	10-20
	10-29	Clay	CH	A-7	0	0	80-90	75-85	75-80	70-80	60-70	30-40
	29-35	Indurated	---	---	---	---	---	---	---	---	---	---
Stampede	0-11	Gravelly Loam	CL	A-6	0	0	70-80	65-75	60-70	50-65	25-35	10-15
	11-26	Silty Clay Clay	CH	A-7	0	0-10	90-100	85-95	80-90	70-85	50-60	30-40
	26-32	Indurated	---	---	---	---	---	---	---	---	---	---
961:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
961: Weigle	0-4	Gravelly Loam	GM SM	A-2 A-4	0	0	55-80	50-75	35-70	25-50	20-25	NP-5
	4-7	Gravelly Loam	GM SM	A-2 A-4	0	0	55-100	50-90	35-65	25-50	20-25	NP-5
	7-10	Indurated	---	---	---	---	---	---	---	---	---	---
	10-18	Extremely Gravelly Loam	GM	A-1	0	10-30	20-30	15-25	15-25	10-20	20-25	NP-5
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pedoli Variant	0-3	Loam	ML	A-4	0	0	80-100	75-100	60-85	50-75	20-25	NP-5
	3-11	Loam	CL-ML	A-4	0	0	65-90	60-85	50-65	40-55	25-30	5-10
		Gravelly Loam	GC-GM SC SC-SM									
	11-21	Gravelly Sandy Loam	GM	A-1 A-2	0	0	55-65	50-60	40-55	20-30	20-25	NP-5
	21-26	Very Gravelly Sandy Loam	GM	A-1	0	0	25-55	20-50	15-40	5-30	20-25	NP-5
		Extremely Gravelly Sandy Loam	GP-GM	A-2								
	26-30	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
962: Weigle	0-4	Gravelly Loam	GM SM	A-2 A-4	0	0	55-80	50-75	35-70	25-50	20-25	NP-5
	4-7	Gravelly Loam	GM SM	A-2 A-4	0	0	55-100	50-90	35-65	25-50	20-25	NP-5
	7-10	Indurated	---	---	---	---	---	---	---	---	---	---
	10-18	Extremely Gravelly Loam	GM	A-1	0	10-30	20-30	15-25	15-25	10-20	20-25	NP-5
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
971:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
971: Bregar	0-6	Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	10-20	55-70	40-55	35-50	25-40	25-35	5-15
	6-11	Very Gravelly Sandy Clay Loam	GC	A-2	0-15	0-40	35-55	25-45	20-30	10-25	35-45	15-25
	11-15	Extremely Cobbly Clay Very Gravelly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Fortank	0-10	Gravelly Loam	GC-GM SC SC-SM	A-2 A-4	0	0-10	60-85	55-75	40-60	30-50	20-30	5-10
	10-35	Gravelly Clay Loam	CL	A-7	0	0-10	65-85	55-75	45-65	40-60	40-50	20-30
	35-39	Gravelly Clay Weathered Bedrock	GC ---	---	---	---	---	---	---	---	---	---
Jivas	0-12	Gravelly Loam	CL-ML GC GC-GM	A-4	0	0	55-80	50-75	45-70	35-60	20-30	5-10
	12-45	Extremely Gravelly Sandy Clay Loam Extremely Gravelly Loam Extremely Gravelly Clay Loam	GC GP-GC	A-2	0	0-10	20-35	15-30	10-25	5-20	30-40	10-15
	45-49	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cumulic Haplaquolls	0-12	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
972:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
972: Bregar	0-6	Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	10-20	55-70	40-55	35-50	25-40	25-35	5-15
	6-11	Extremely Cobbly Clay Very Gravelly Sandy Clay Loam	GC	A-2	0-15	0-40	35-55	25-45	20-30	10-25	35-45	15-25
	11-15	Very Gravelly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Jivas	0-12	Gravelly Loam	CL-ML GC GC-GM	A-4	0	0	55-80	50-75	45-70	35-60	20-30	5-10
	12-45	Extremely Gravelly Loam Extremely Gravelly Clay Loam	GC GP-GC	A-2	0	0-10	20-35	15-30	10-25	5-20	30-40	10-15
	45-49	Extremely Gravelly Sandy Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Duff	0-7	Gravelly Loam	GC GC-GM SC-SM	A-4	0	0-10	60-80	55-75	40-55	40-50	25-30	5-10
	7-57	Gravelly Clay Loam Gravelly Loam	CL CL-ML GC GC-GM	A-4 A-6	0	0-10	60-80	55-75	40-60	40-55	25-35	5-15
	57-61	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cumulic Haplaquolls	0-12	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
975:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
975: Bregar Variant	0-5	Very Cobbly Loam	GC	A-2	0	25-30	40-50	35-45	30-40	25-30	30-35	10-15
	5-19	Extremely Cobbly Clay Extremely Cobbly Sandy Clay Loam	GC	A-2	0	40-60	15-40	10-35	10-30	10-25	35-45	15-20
	19-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hymas	0-3	Cobbly Loam	GM ML SM	A-4	0	15-35	70-95	70-90	55-70	40-65	20-30	NP-5
	3-12	Extremely Cobbly Loam Extremely Gravelly Loam Very Cobbly Loam	GC-GM GM	A-1 A-2 A-4	0-10	20-60	35-65	30-60	25-55	20-45	20-30	NP-10
	12-16	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Quarz	0-5	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-35	10-15
	5-30	Very Gravelly Clay Loam Very Gravelly Clay	GC	A-2 A-7	0	0-25	30-55	25-50	20-45	15-40	45-60	20-30
	30-34	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cumulic Haplaquolls	0-12	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
981: Ebic	0-9	Very Stony Clay Loam	GC SC	A-6	10-20	15-20	60-75	45-70	45-55	35-45	35-40	15-20
	9-23	Very Cobbly Clay Extremely Cobbly Clay	GC	A-2 A-7	0-5	30-45	40-55	25-50	20-45	15-40	50-65	25-35
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
981: Ziram	In											
	0-7	Very Cobbly Clay Loam	GC SC	A-2 A-6 A-7	0-5	30-65	60-80	50-70	35-50	30-45	35-45	15-20
	7-23	Very Gravelly Clay	GC	A-2 A-7	0	15-25	45-65	40-60	30-50	30-45	50-60	25-30
	23-42	Extremely Cobbly Clay Very Cobbly Clay	GC	A-2 A-7	0-15	50-70	45-70	40-65	30-50	30-45	50-60	25-30
	42-46	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Jivas	0-12	Cobbly Loam	CL CL-ML	A-4	0	25-40	85-95	80-90	70-80	50-70	20-30	5-10
	12-45	Extremely Gravelly Clay Loam Extremely Gravelly Sandy Clay Loam Extremely Gravelly Loam	GC GP-GC	A-2	0	0-10	20-35	15-30	10-25	5-20	30-40	10-15
	45-49	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cumulic Haplaquolls	0-12	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
982: Ebic	0-9	Very Stony Clay Loam	GC SC	A-6	10-20	15-20	60-75	45-70	45-55	35-45	35-40	15-20
	9-23	Extremely Cobbly Clay Very Cobbly Clay	GC	A-2 A-7	0-5	30-45	40-55	25-50	20-45	15-40	50-65	25-35
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
982: Ziram	0-7	Very Cobbly Clay Loam	GC SC	A-2 A-6 A-7	0-5	30-65	60-80	50-70	35-50	30-45	35-45	15-20
	7-23	Very Gravelly Clay	GC	A-2 A-7	0	15-25	45-65	40-60	30-50	30-45	50-60	25-30
	23-42	Very Cobbly Clay	GC	A-2 A-7	0-15	50-70	45-70	40-65	30-50	30-45	50-60	25-30
	42-46	Extremely Cobbly Clay Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Jivas	0-12	Very Cobbly Loam	CL-ML GC GC-GM SC-SM	A-2 A-4	0	40-55	55-85	50-80	40-70	30-55	20-30	5-10
	12-45	Extremely Gravelly Sandy Clay Loam Extremely Gravelly Loam Extremely Gravelly Clay Loam	GC GP-GC	A-2	0	0-10	20-35	15-30	10-25	5-20	30-40	10-15
	45-49	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cumulic Haplaquolls	0-12	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
991: Fertaline	0-8	Gravelly Loam	CL-ML GC GC-GM SC-SM	A-4	0	0-10	60-80	55-75	50-70	45-55	20-30	5-10
	8-22	Clay	CH CL	A-7	0	0-10	80-100	75-100	60-90	50-75	45-65	20-35
	22-28	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
991: Handy	0-9	Loam	CL CL-ML ML	A-4 A-6	0	0-5	90-100	85-100	70-85	60-75	20-35	NP-15
	9-21	Clay Gravelly Clay	CH CL	A-7	0	0-5	70-100	60-100	60-75	50-70	45-55	30-35
	21-60	Stratified Very Gravelly Loamy Sand To Gravelly Loam	GM	A-1 A-2	0	0-5	35-65	30-60	20-55	10-35	15-25	NP-5
1001: Solak	0-10	Very Gravelly Loam	GC GC-GM	A-2 A-4	0	0	30-50	25-50	20-45	15-40	20-25	5-10
	10-14	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Highams	0-5	Gravelly Loam	CL CL-ML GC GC-GM	A-4 A-6	0	0	60-85	50-75	40-60	35-55	25-35	5-15
	5-13	Very Cobbly Loam Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	0-40	35-60	25-50	20-45	15-40	25-35	5-15
	13-17	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hymas	0-3	Cobbly Loam	GM ML SM	A-4	0	15-35	70-95	70-90	55-70	40-65	20-30	NP-5
	3-12	Very Cobbly Loam Extremely Cobbly Loam	GC-GM GM	A-1 A-2 A-4	0-10	20-60	35-65	30-60	25-55	20-45	20-30	NP-10
	12-16	Extremely Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cumulic Haplaquolls	0-12	Silt Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1010: Bubus	0-4	Loam	ML	A-4	0	0	85-100	75-100	70-80	50-60	25-30	NP-5
	4-60	Stratified Sandy Loam To Silt Loam	ML	A-4	0	0	95-100	90-100	80-90	50-60	25-30	NP-5
1011: Bubus	0-9	Very Fine Sandy Loam	ML	A-4	0	0	80-95	75-90	70-80	50-60	20-25	NP-5
	9-29	Stratified Fine Sandy Loam To Silt Loam	ML	A-4	0	0	95-100	90-100	80-90	50-60	20-25	NP-5
	29-49	Stratified Fine Sandy Loam To Silt Loam	ML	A-4	0	0	95-100	90-100	80-90	50-60	20-25	NP-5
	49-60	Stratified Sand To Gravelly Loamy Sand	SM SP-SM	A-1 A-2 A-3	0	0	65-85	60-85	35-55	5-20	0-14	NP
1012: Bubus	0-4	Loam	ML	A-4	0	0	85-100	75-100	70-80	50-60	25-30	NP-5
	4-60	Stratified Sandy Loam To Silt Loam	ML	A-4	0	0	95-100	90-100	80-90	50-60	25-30	NP-5
Bubus	0-20	Loam	ML	A-4	0	0	85-95	75-90	70-80	50-60	25-30	NP-5
	20-60	Stratified Sandy Loam To Silt Loam	ML	A-4	0	0	95-100	90-100	80-90	50-60	25-30	NP-5
Diane v	0-5	Silt Loam	CL CL-ML ML	A-4	0	0	100	100	95-100	75-90	25-35	5-10
	5-57	Silt Loam	CL	A-6	0	0	100	100	95-100	80-90	30-45	10-20
	57-60	Silty Clay Loam Stratified Loamy Sand To Clay	CL	A-7 A-6	0	0	100	100	95-100	55-65	25-35	10-15
1022:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1022: Nevador	In											
	0-5	Very Fine Sandy Loam	ML	A-4	0	0	95-100	95-100	90-100	50-70	20-30	NP-5
	5-22	Sandy Clay Loam	CL	A-6	0	0-5	90-100	80-90	70-80	45-55	35-45	15-25
		Clay Loam	SC	A-7								
	22-60	Stratified Loamy Sand To Gravelly Fine Sandy Loam	SM	A-2 A-4	0	0-10	85-100	70-90	50-60	30-40	20-25	NP-5
Ricert	0-5	Sandy Loam	SC	A-2	0	0	80-100	75-100	55-75	30-50	20-30	5-10
			SC-SM	A-4								
	5-14	Loam	CL	A-6	0	0	90-100	85-100	80-90	70-80	35-45	15-20
		Clay Loam		A-7								
	14-20	Loam	CL	A-6	0	0-5	85-100	80-95	60-75	50-70	30-40	10-15
		Silt Loam										
		Clay Loam										
	20-60	Extremely Gravelly Loamy Sand	GM	A-1	0	0-15	30-60	20-50	15-35	5-25	15-20	NP-5
		Very Gravelly Loamy Sand	GP-GM									
		Very Gravelly Sandy Loam										
Tulase	0-5	Silt Loam	CL-ML ML	A-4	0	0	100	100	100	90-100	15-25	NP-10
	5-70	Silt Loam	CL-ML	A-4	0	0	95-100	90-100	85-100	70-85	15-25	NP-10
		Very Fine Sandy Loam	ML									
1060:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1060: Allker	In											
	0-7	Gravelly Sandy Loam	SM	A-1 A-2	0	0-5	75-85	65-75	40-50	20-30	0-14	NP
	7-26	Gravelly Clay Loam Gravelly Loam	GC SC	A-6	0	0-10	65-80	55-75	45-65	35-50	30-40	10-15
	26-37	Gravelly Sandy Clay Loam Gravelly Loam	GC-GM GM SC-SM	A-4	0	0-10	65-80	55-75	40-55	35-45	20-30	NP-10
	37-60	Very Gravelly Loamy Sand Very Gravelly Sand	SM GM GP-GM	A-1	0	0-10	30-55	25-50	10-35	5-15	0-14	NP
1201: Tulase	0-5	Silt Loam	CL-ML ML	A-4	0	0	100	100	100	90-100	15-25	NP-10
	5-70	Silt Loam Very Fine Sandy Loam	CL-ML ML	A-4	0	0	95-100	90-100	85-100	70-85	15-25	NP-10
1202: Tulase	0-5	Silt Loam	CL-ML ML	A-4	0	0	100	100	100	90-100	15-25	NP-10
	5-70	Very Fine Sandy Loam Silt Loam	CL-ML ML	A-4	0	0	95-100	90-100	85-100	70-85	15-25	NP-10
1203: Tulase	0-5	Silt Loam	CL-ML ML	A-4	0	0	100	100	100	90-100	15-25	NP-10
	5-70	Very Fine Sandy Loam Silt Loam	CL-ML ML	A-4	0	0	95-100	90-100	85-100	70-85	15-25	NP-10

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1203: Bubus	0-9	Very Fine Sandy Loam	ML	A-4	0	0	80-95	75-90	70-80	50-60	20-25	NP-5
	9-29	Stratified Fine Sandy Loam To Silt Loam	ML	A-4	0	0	95-100	90-100	80-90	50-60	20-25	NP-5
	29-49	Stratified Fine Sandy Loam To Silt Loam	ML	A-4	0	0	95-100	90-100	80-90	50-60	20-25	NP-5
	49-60	Stratified Sand To Gravelly Loamy Sand	SM SP-SM	A-1 A-2 A-3	0	0	65-85	60-85	35-55	5-20	0-14	NP
Mcconnel	0-13	Loam	ML	A-4	0	0	95-100	85-95	70-80	50-60	15-25	NP-5
	13-60	Stratified Extremely Gravelly Coarse Sand To Very Gravelly Sandy Loam	GP	A-1	0	0-15	25-35	10-35	5-15	0-5	0-14	NP
1232: Perwick	0-5	Gravelly Loam	GC GC-GM SC-SM	A-4	0	0	55-80	50-75	45-60	40-50	20-30	5-10
	5-18	Gravelly Sandy Loam Gravelly Silt Loam Gravelly Loam	GC-GM SC SC-SM	A-4	0	0	70-80	50-75	40-60	35-50	20-30	5-10
	18-36	Loam Sandy Loam Fine Sandy Loam	ML SM	A-2 A-4	0	0	95-100	80-90	60-75	30-60	20-25	NP-5
	36-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tulase	0-5	Silt Loam	CL-ML ML	A-4	0	0	100	100	100	90-100	15-25	NP-10
	5-70	Silt Loam Very Fine Sandy Loam	CL-ML ML	A-4	0	0	95-100	90-100	85-100	70-85	15-25	NP-10
1233:												

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1233: Perwick	0-3	Very Gravelly Loam	SC SC-SM	A-2	0	0	70-80	40-50	35-45	25-35	20-30	5-10
	3-16	Gravelly Sandy Loam Gravelly Silt Loam	GC-GM SC	A-4	0	0	70-80	50-75	40-60	35-50	20-30	5-10
	16-26	Gravelly Loam Loam Sandy Loam Fine Sandy Loam	SC-SM ML SM	A-2 A-4	0	0	95-100	80-90	60-75	30-60	20-25	NP-5
	26-30	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Puett	0-5	Gravelly Loam	GC-GM SC SC-SM	A-4	0	0-5	65-85	55-75	50-70	35-50	20-30	5-10
	5-17	Coarse Sandy Loam Gravelly Loam Sandy Loam	GM ML SM	A-1 A-2 A-4	0	0	55-95	50-90	30-80	15-55	---	NP
	17-21	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tulase	0-5	Silt Loam	CL-ML ML	A-4	0	0	100	100	100	90-100	15-25	NP-10
	5-70	Very Fine Sandy Loam Silt Loam	CL-ML ML	A-4	0	0	95-100	90-100	85-100	70-85	15-25	NP-10
1281: Wendane	0-12	Silt Loam	ML	A-4	0	0	100	100	90-100	70-95	30-40	NP-10
	12-19	Very Fine Sandy Loam Silt Loam	ML	A-4	0	0	100	100	95-100	70-80	30-40	NP-10
	19-60	Stratified Silt Loam To Clay Loam	CL ML	A-6 A-7	0	0	100	100	95-100	85-95	35-45	10-20

1282:

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1282: Wendane	0-12	Silt Loam	ML	A-4	0	0	100	100	90-100	70-95	30-40	NP-10
	12-19	Silt Loam	ML	A-4	0	0	100	100	95-100	70-80	30-40	NP-10
	19-60	Very Fine Sandy Loam Stratified Silt Loam To Clay Loam	CL ML	A-6 A-7	0	0	100	100	95-100	85-95	35-45	10-20
Playas	0-6	Silty Clay Loam	ML	A-6 A-7	0	0	100	100	100	90-100	35-50	10-20
	6-60	Silty Clay Loam Clay Silty Clay	CH CL MH	A-7	0	0	100	100	100	90-100	45-75	20-40
1291: Perwick Variant	0-9	Gravelly Loam	SC-SM SM	A-4	0	0-5	70-85	55-70	50-65	35-50	20-30	NP-10
	9-60	Stratified Very Gravelly Loamy Sand To Extremely Gravelly Loam	GM	A-1	0	0-5	40-60	20-35	15-30	10-25	15-25	NP-5
Perwick Variant	0-9	Gravelly Loam	SC-SM SM	A-4	0	0-5	70-85	55-70	50-65	35-50	20-30	NP-10
	9-60	Stratified Very Gravelly Loamy Sand To Extremely Gravelly Loam	GM	A-1	0	0-5	40-60	20-35	15-30	10-25	15-25	NP-5
1352: Cortez	0-11	Silt Loam	ML	A-4	0	0	95-100	85-95	80-90	70-80	30-35	NP-5
	11-24	Gravelly Clay Clay Silty Clay	CH	A-7	0	0	80-95	60-85	55-80	55-75	50-60	35-45
	24-40	Indurated	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1352: Tenvorrd	In											
	0-9	Silt Loam	CL CL-ML	A-4 A-6	0	0	100	95-100	85-95	65-85	25-35	5-15
	9-19	Loam Silt Loam	CL CL-ML	A-4 A-6	0	0	100	90-100	80-90	60-80	25-35	5-15
	19-40	Indurated	---	---	---	---	---	---	---	---	---	---
1411: Pineval	0-3	Gravelly Loam	CL-ML GC-GM	A-4	0	0	65-85	60-75	45-65	40-55	20-30	5-10
	3-11	Very Gravelly Clay Loam Very Gravelly Sandy Clay Loam	SC GC	A-2	0	0	35-60	25-50	20-40	15-35	30-40	10-15
	11-60	Very Gravelly Loam Stratified Extremely Gravelly Sand To Very Gravelly Sandy Loam	GM GP-GM	A-1	0	0-25	30-60	20-50	15-40	5-20	---	NP
Tulase	0-5	Silt Loam	CL-ML ML	A-4	0	0	100	100	100	90-100	15-25	NP-10
	5-70	Silt Loam Very Fine Sandy Loam	CL-ML ML	A-4	0	0	95-100	90-100	85-100	70-85	15-25	NP-10
Perwick	0-5	Gravelly Loam	GC GC-GM SC-SM	A-4	0	0	55-80	50-75	45-60	40-50	20-30	5-10
	5-18	Gravelly Sandy Loam Gravelly Silt Loam	GC-GM SC	A-4	0	0	70-80	50-75	40-60	35-50	20-30	5-10
	18-36	Gravelly Loam Sandy Loam Fine Sandy Loam Loam	SC-SM ML SM	A-2 A-4	0	0	95-100	80-90	60-75	30-60	20-25	NP-5
	36-40	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

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Table H. - Engineering Index Properties - Continued

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1411:	In											
1500: Playas	0-6	Silty Clay	MH	A-7	0	0	100	100	100	90-100	50-80	20-40
	6-60	Silty Clay	CH	A-7	0	0	100	100	100	90-100	45-75	20-40
		Clay	CL									
		Silty Clay Loam	MH									
1510: Water	---				---	---	---	---	---	---	---	---